

Executive Summary – Enforcement Matter – Case No. 47110
Shell Oil Company and Shell Chemical LP
RN100211879
Docket No. 2013-1205-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Shell Oil Deer Park, 5900 Highway 225, Deer Park, Harris County

Type of Operation:

Chemical manufacturing plant and a petroleum refinery

Other Significant Matters:

Additional Pending Enforcement Actions: Yes, Docket Nos.: 2013-2000-AIR-E,
2014-0152-AIR-E, 2014-0330-IHW-E, and 2014-0375-AIR-E

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: January 10, 2014

Comments Received: No

Penalty Information

Total Penalty Assessed: \$48,750

Amount Deferred for Expedited Settlement: \$9,750

Amount Deferred for Financial Inability to Pay: \$0

Total Paid to General Revenue: \$19,500

Total Due to General Revenue: \$0

Payment Plan: N/A

SEP Conditional Offset: \$19,500

Name of SEP: Houston Regional Monitoring Corporation

Compliance History Classifications:

Person/CN - Satisfactory

Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: September 2011

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Investigation Information

Complaint Date(s): N/A

Complaint Information: N/A

Date(s) of Investigation: March 22, 2013, May 23, 2013, and May 28, 2013

Date(s) of NOE(s): June 7, 2013, July 26, 2013, and July 30, 2013

Violation Information

1. Failed to prevent unauthorized emissions. Specifically, Shell Chemical LP released 22,084.21 pounds ("lbs") of butane, 1,329.91 lbs of isobutane, 385.01 lbs of isopentane, 235.69 lbs of trans-2-butene, 203.69 lbs of 1-butene, 193.61 lbs of isobutene, 158.16 lbs of ethylene, 143.07 lbs of pentane, 112.24 lbs of hexane, 91.08 lbs of cis-2-butene, 12.43 lbs of propane, and 3.89 lbs of propylene from isolation valves on the FP3-1070 manifold in Olefins Plant 3 during an emissions event (Incident No. 179855) that started on February 24, 2013 and lasted 82 hours. The emissions event occurred when butane leaked into a heat exchanger through two closed isolation valves. Since the emissions event could have been avoided through better maintenance practices, Shell Chemical LP is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [Federal Operating Permit ("FOP") No. O1668, Special Terms and Conditions No. 15, New Source Review Permit ("NSRP") No. 3214, Special Conditions No. 1, 30 TEX. ADMIN. CODE §§ 116.115(c) and 122.143(4), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

2. Failed to prevent unauthorized emissions. Specifically, Shell Oil Company released 1,246 lbs of pentane, 1,197 lbs of n-butane, 1,087 lbs of C7+ hydrocarbon, 948 lbs of isopentane, 824 lbs of n-hexane, 799 lbs of isoparaffins, 534 lbs of propane, 319 lbs of isobutene, 196 lbs of methylcyclohexane, 127 lbs of cyclohexane, 62 lbs of 1,1-cyclopentane, and 2 lbs of toluene from the North Effluent Treater Aeration Basin/Secondary Clarifiers during an emissions event (Incident No. 182735) that started on May 12, 2013 and lasted 24 hours. The emissions event occurred when a level probe was damaged during maintenance activities. Since the emissions event could have been avoided through better maintenance practices, Shell Oil Company is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [FOP No. O1668, Special Terms and Conditions No. 15, NSRP Nos. 21262 and PSD-TX-928, 30 TEX. ADMIN. CODE §§ 101.20(3), 122.143(4), and 116.715(a), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

3. Failed to comply with the maximum fill rate of 14,100 gallons per hour ("gal/hr") for Tank Nos. D402 and D403 and the maximum pumping rate of 126,000 gal/hr for Tank No. F354. Specifically, Shell Chemical LP exceeded the maximum fill rate for Tank No. D402 on March 22, 2012, April 1, 2012, April 11, 2012, April 12, 2012, April 13, 2012, April 16, 2012, July 9, 2012, September 29, 2012, October 11, 2012, October 27, 2012, and November 23, 2012, when fill rates from 14,278 to 31,060 gal/hr were documented.

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The maximum fill rate for Tank No. D403 was exceeded on March 7, 2012, March 9, 2012, March 10, 2012, March 11, 2012, April 1, 2012, April 2, 2012, April 9, 2012, April 10, 2012, April 11, 2012, April 12, 2012, April 17, 2012, May 11, 2012, June 26, 2012, October 8, 2012, October 24, 2012, and December 20, 2012, when fill rates from 14,154 to 27,647 gal/hr were documented. In addition, the maximum pumping rate for Tank No. F354 was exceeded on January 6, 2012, when a pumping rate of 128,920 gal/hr was documented [FOP No. O1945, Special Terms and Conditions No. 21, NSRP No. 3179, Special Conditions No. 10, 30 TEX. ADMIN. CODE §§ 116.115(c) and 122.143(4), and TEX. HEALTH & SAFETY CODE § 382.085(b)].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

On or before June 13, 2013, Shell Chemical LP installed additional alarms and evaluated work practices to ensure that maximum fill rates for Tank Nos. D402 and D403, and the maximum pumping rate for Tank No. F354 are not exceeded.

Technical Requirements:

1. The Order will require the Respondents to implement and complete a Supplemental Environmental Project ("SEP"). (See SEP Attachment A)
2. The Order will also require Respondent to:
 - a. Within 90 days:
 - i. Shell Chemical LP shall perform a technical evaluation and implement the Management of Change ("MOC") process to change the operating status of the raffinate pre-heater to idle, implement the physical changes to idle the raffinate pre-heater according to the MOC requirements, and update the existing Olefin Unit's steam/condensate system source control procedure to include a structure and framework for systematically identifying and securing contamination sources to these systems and other key learning, to prevent the recurrence of emissions events due to similar causes as Incident No. 179855; and
 - ii. Shell Oil Company shall perform a detailed causal investigation of Incident No. 182735 and review and update practices for inspecting and storing agar probes during shutdowns or maintenance turnarounds, to prevent the recurrence of emissions events due to similar causes as Incident No. 182375.
 - b. Within 105 days, submit written certification demonstrating compliance with Ordering Provision a.

Litigation Information

Date Petition(s) Filed: N/A

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Date Answer(s) Filed: N/A
SOAH Referral Date: N/A
Hearing Date(s): N/A
Settlement Date: N/A

Contact Information

TCEQ Attorney: N/A
TCEQ Enforcement Coordinator: David Carney, Enforcement Division,
Enforcement Team 5, MC 149, (512) 239-2583; Candy Garrett, Enforcement Division,
MC 219, (512) 239-1456
TCEQ SEP Coordinator: Stuart Beckley, SEP Coordinator, Enforcement Division,
MC 219, (512) 239-3565
Respondent: Richard W. Bourns, Environmental Manager, Shell Oil Company and
Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536
Hughes Bourgogne, Chemical and Refining Production Manager, Shell Oil Company
and Shell Chemical LP, P.O. Box 100, Deer Park, Texas 77536
Respondent's Attorney: N/A

Attachment A
Docket Number: 2013-1205-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondents:	Shell Oil Company and Shell Chemical LP
Penalty Amount:	Thirty-Nine Thousand Dollars (\$39,000)
SEP Offset Amount:	Nineteen Thousand Five Hundred Dollars (\$19,500)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Houston Regional Monitoring Corporation
Project Name:	<i>Houston Area Air Monitoring Project</i>
Location of SEP:	Harris County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondents to contribute to a Supplemental Environmental Project ("SEP"). The SEP Offset Amount is set forth above and such offset is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

Respondents shall contribute the SEP Offset Amount to the Third-Party Administrator: **Houston Regional Monitoring Corporation** for the *Houston Area Air Monitoring Project* SEP. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to operate a network of ambient air monitoring stations that continuously measure and record concentrations of ambient air pollutants. This network includes the HRM 617 Wallisville Road site, the HRM 615 Lynchburg Ferry site, and the HRM 3 Haden Road site. The Third-Party Administrator shall use the SEP Offset Amount to report data from these three existing sites in the Houston Regional Monitoring Corporation ambient air quality monitoring network in the Texas Houston-Galveston Air Quality Control Region No. 216. The SEP will be performed in accordance with all federal, state, and local environmental laws and regulations.

Respondents' signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action.

Shell Oil Company and Shell Chemical LP
Agreed Order - Attachment A

b. Environmental Benefit

This SEP will provide TCEQ with near real-time access to high quality, short time resolution volatile organic compounds, nitrogen oxides, ozone, and meteorological data sets that can be used to evaluate and track air pollution emission events as they occur, conduct source attribution studies, and to assess potential ambient community exposure to a limited number of hazardous air pollutants. Data from the monitors can be used to provide critical information evaluating the effectiveness of current and proposed emission control strategies aimed at achieving compliance with the 8-hour ozone National Ambient Air Quality Standards. It also provides a key source of information essential to furthering overall understanding of those emission sources that contribute to ambient community exposure to toxic air contaminants. Because the information is available in near real-time, it can be used to provide agency staff and industry personnel with time critical information to investigate emission events in a timely fashion. Another key benefit is the ability to measure the change in the ambient air concentration of the individual target species and quantify control measure effectiveness. Data from these monitors will be publicly accessible through the TCEQ's website and will be used in evaluating air quality in the area, in ozone forecasts, and ozone warnings. Thus, the public will directly benefit by having access to the data and the forecasting and notification tools which can be used for public awareness.

c. Minimum Expenditure

Respondents shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, Respondents shall contribute the SEP Offset Amount to the Third-Party Administrator. Respondents shall make the contribution payable to **Houston Regional Monitoring Corporation SEP** and shall mail the contribution, with a copy of the Agreed Order to:

Houston Regional Monitoring Corporation
c/o Christopher B. Amandes
Morgan, Lewis, & Bockius, LLP
1000 Louisiana, Suite 4000
Houston, Texas 77002

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondents shall provide the Enforcement Division SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount due to the Third-Party Administrator. Respondents shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If Respondents do not perform its obligations under this Attachment A in any way, including full expenditure of the SEP Offset Amount and submittal of the required reporting as described in Sections 2 and 3 above, the Executive Director ("ED") may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that Respondents failed to complete the project, Respondents shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and shall include on the check the docket number of this Agreed Order and note that it is for reimbursement of an SEP. Respondents shall make the check payable to "Texas Commission on Environmental Quality" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP made by or on behalf of Respondents, must include a clear statement that the Project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

Respondents shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, Respondents may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for Respondents under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.



Penalty Calculation Worksheet (PCW)

Policy Revision 3 (September 2011)

PCW Revision August 3, 2011

TCEQ

DATES

Assigned

5-Aug-2013

PCW

8-Nov-2013

Screening

21-Aug-2013

EPA Due

RESPONDENT/FACILITY INFORMATION

Respondent Shell Oil Company and Shell Chemical LP

Reg. Ent. Ref. No. RN100211879

Facility/Site Region 12-Houston

Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No. 47110

Docket No. 2013-1205-AIR-E

Media Program(s) Air

Multi-Media

No. of Violations 3

Order Type 1660

Government/Non-Profit No

Enf. Coordinator Rebecca Johnson

EC's Team Enforcement Team 5

Admin. Penalty \$ Limit Minimum

\$0

Maximum

\$25,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties)

Subtotal 1 \$26,250

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History

100.0% Enhancement

Subtotals 2, 3, & 7 \$26,250

Notes

Enhancement for ten NOVs with same/similar violations, 14 orders with denial of liability, and 14 orders without denial of liability. Reduction for 15 Notices of Intent to conduct an audit and eight Disclosures of Violations.

Culpability

No

0.0% Enhancement

Subtotal 4 \$0

Notes

The Respondents do not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments

Subtotal 5 \$3,750

Economic Benefit

Total EB Amounts \$935

Approx. Cost of Compliance \$14,000

0.0% Enhancement*

*Capped at the Total EB \$ Amount

Subtotal 6 \$0

SUM OF SUBTOTALS 1-7

Final Subtotal \$48,750

OTHER FACTORS AS JUSTICE MAY REQUIRE

0.0%

Adjustment \$0

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes

Final Penalty Amount \$48,750

STATUTORY LIMIT ADJUSTMENT

Final Assessed Penalty \$48,750

DEFERRAL

20.0%

Reduction

Adjustment -\$9,750

Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

Notes

Deferral offered for expedited settlement.

PAYABLE PENALTY

\$39,000

Screening Date 21-Aug-2013

Docket No. 2013-1205-AIR-E

PCW

Respondent Shell Oil Company and Shell Chemical LP

Policy Revision 3 (September 2011)

Case ID No. 47110

PCW Revision August 3, 2011

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Rebecca Johnson

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	10	50%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	14	280%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	14	350%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgements or consent decrees meeting criteria</i>)	0	0%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	12	-12%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	8	-16%
Please Enter Yes or No			
Other	Environmental management systems in place for one year or more	No	0%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 652%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Satisfactory Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance
History
Notes

Enhancement for ten NOVs with same/similar violations, 14 orders with denial of liability, and 14 orders without denial of liability. Reduction for 12 Notices of Intent to conduct an audit and eight Disclosures of Violations.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7) 652%

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 100%

Screening Date 21-Aug-2013

Docket No. 2013-1205-AIR-E

PCW

Respondent Shell Oil Company and Shell Chemical LP

Policy Revision 3 (September 2011)

Case ID No. 47110

PCW Revision August 3, 2011

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Rebecca Johnson

Violation Number

1

Rule Cite(s)

Federal Operating Permit ("FOP") No. O1668, Special Terms and Conditions No. 15, New Source Review Permit ("NSRP") No. 3214, Special Conditions No. 1, 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), and Tex. Health & Safety Code § 382.085(b)

Violation Description

Failed to prevent unauthorized emissions. Specifically, Shell Chemical LP released 22,084.21 pounds ("lbs") of butane, 1,329.91 lbs of isobutane, 385.01 lbs of isopentane, 235.69 lbs of trans-2-butene, 203.69 lbs of 1-butene, 193.61 lbs of isobutene, 158.16 lbs of ethylene, 143.07 lbs of pentane, 112.24 lbs of hexane, 91.08 lbs of cis-2-butene, 12.43 lbs of propane, and 3.89 lbs of propylene from isolation valves on the FP3-1070 manifold in Olefins Plant 3 during an emissions event (Incident No. 179855) that started on February 24, 2013 and lasted 82 hours. The emissions event occurred when butane leaked into a heat exchanger through two closed isolation valves. Since the emissions event could have been avoided through better maintenance practices, Shell Chemical LP is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty

\$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm		
	Major	Moderate	Minor
Actual		x	
Potential			

Percent 30.0%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment has been exposed to significant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of this violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events

1

4

Number of violation days

mark only one with an x

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty

\$7,500

One monthly event is recommended.

Good Faith Efforts to Comply

0.0%

Reduction

\$0

Before NOV NOV to EDPRP/Settlement Offer

Extraordinary

Ordinary

N/A

Notes

x

(mark with x)

Shell Chemical LP does not meet the good faith criteria for this violation.

Violation Subtotal

\$7,500

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount

\$119

Violation Final Penalty Total

\$15,000

This violation Final Assessed Penalty (adjusted for limits)

\$15,000

Economic Benefit Worksheet

Respondent Shell Oil Company and Shell Chemical LP

Case ID No. 47110

Reg. Ent. Reference No. RN100211879

Media Air

Violation No. 1

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
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No commas or \$

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$2,000	24-Feb-2013	4-May-2014	1.19	\$119	n/a	\$119

Notes for DELAYED costs

Estimated cost to implement measures and procedures to prevent the recurrence of similar emissions events. The Date Required is the date the emissions event began. The Final Date is the date corrective actions are expected to be completed.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/equipment				0.00	\$0	\$0	\$0
Financial Assurance [2]				0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$2,000

TOTAL

\$119

Screening Date 21-Aug-2013

Docket No. 2013-1205-AIR-E

PCW

Respondent Shell Oil Company and Shell Chemical LP

Policy Revision 3 (September 2011)

Case ID No. 47110

PCW Revision August 3, 2011

Reg. Ent. Reference No. RN100211879

Media [Statute] Air

Enf. Coordinator Rebecca Johnson

Violation Number 2

Rule Cite(s)

FOP No. 01668, Special Terms and Conditions No. 15, NSRP Nos. 21262 and PSD-TX-928, 30 Tex. Admin. Code §§ 101.20(3), 122.143(4), and 116.715(a), and Tex. Health & Safety Code § 382.085(b)

Violation Description

Failed to prevent unauthorized emissions. Specifically, Shell Oil Company released 1,246 lbs of pentane, 1,197 lbs of n-butane, 1,087 lbs of C7+ hydrocarbon, 948 lbs of isopentane, 824 lbs of n-hexane, 799 lbs of isoparaffins, 534 lbs of propane, 319 lbs of isobutene, 196 lbs of methylcyclohexane, 127 lbs of cyclohexane, 62 lbs of 1,1-cyclopentane, and 2 lbs of toluene from the North Effluent Treater Aeration Basin/Secondary Clarifiers during an emissions event (Incident No. 182735) that started on May 12, 2013 and lasted 24 hours. The emissions event occurred when a level probe was damaged during maintenance activities. Since the emissions event could have been avoided through better maintenance practices, Shell Oil Company is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm		
	Major	Moderate	Minor
Actual			X
Potential			

Percent 15.0%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment has been exposed to insignificant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$21,250

\$3,750

Violation Events

Number of Violation Events 1

1 Number of violation days

mark only one with an x	daily	
	weekly	
	monthly	
	quarterly	X
	semiannual	
	annual	
	single event	

Violation Base Penalty \$3,750

One quarterly event is recommended.

Good Faith Efforts to Comply

0.0% Reduction

\$0

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary		
N/A	X	(mark with x)

Notes

Shell Oil Company does not meet the good faith criteria for this violation.

Violation Subtotal \$3,750

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$98

Violation Final Penalty Total \$7,500

This violation Final Assessed Penalty (adjusted for limits) \$7,500

Economic Benefit Worksheet

Respondent Shell Oil Company and Shell Chemical LP

Case ID No. 47110

Reg. Ent. Reference No. RN100211879

Media Air

Violation No. 2

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
No commas or \$							

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$2,000	12-May-2013	4-May-2014	0.98	\$98	n/a	\$98

Notes for DELAYED costs

Estimated cost to implement measures and procedures to prevent the recurrence of similar emissions events. The Date Required is the date the emissions event began. The Final Date is the date corrective actions are expected to be completed.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/equipment				0.00	\$0	\$0	\$0
Financial Assurance [2]				0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$2,000

TOTAL

\$98

Screening Date 21-Aug-2013

Docket No. 2013-1205-AIR-E

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Policy Revision 3 (September 2011)

Case ID No. 47110

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Media [Statute] Air

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Violation Number 3

Rule Cite(s)

FOP No. O1945, Special Terms and Conditions No. 21, NSRP No. 3179, Special Conditions No. 10, 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), and Tex. Health & Safety Code § 382.085(b)

Violation Description

Failed to comply with the maximum fill rate of 14,100 gallons per hour ("gal/hr") for Tank Nos. D402 and D403 and the maximum pumping rate of 126,000 gal/hr for Tank No. F354. Specifically, Shell Chemical LP exceeded the maximum fill rate for Tank No. D402 on March 22, 2012, April 1, 2012, April 11, 2012, April 12, 2012, April 13, 2012, April 16, 2012, July 9, 2012, September 29, 2012, October 11, 2012, October 27, 2012, and November 23, 2012, when fill rates from 14,278 to 31,060 gal/hr were documented. The maximum fill rate for Tank No. D403 was exceeded on March 7, 2012, March 9, 2012, March 10, 2012, March 11, 2012, April 1, 2012, April 2, 2012, April 9, 2012, April 10, 2012, April 11, 2012, April 12, 2012, April 17, 2012, May 11, 2012, June 26, 2012, October 8, 2012, October 24, 2012, and December 20, 2012, when fill rates from 14,154 to 27,647 gal/hr were documented. In addition, the maximum pumping rate for Tank No. F354 was exceeded on January 6, 2012, when a pumping rate of 128,920 gal/hr was documented.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm		
	Major	Moderate	Minor
Actual			
Potential		x	

Percent 15.0%

>> Programmatic Matrix

Falsification	Harm		
	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment will or could be exposed to significant amounts of pollutants which would not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$21,250

\$3,750

Violation Events

Number of Violation Events 4

25 Number of violation days

mark only one with an x	daily	
	weekly	
	monthly	
	quarterly	x
	semiannual	
	annual	
	single event	

Violation Base Penalty \$15,000

Four quarterly events are recommended for the exceedances that occurred from January 6, 2012 to December 20, 2012.

Good Faith Efforts to Comply

25.0% Reduction

\$3,750

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		(mark with x)

Notes

Shell Chemical LP completed corrective actions on or before June 13, 2013, prior to the July 26, 2013 NOE.

Violation Subtotal \$11,250

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$718

Violation Final Penalty Total \$26,250

This violation Final Assessed Penalty (adjusted for limits) \$26,250

Economic Benefit Worksheet

Respondent Shell Oil Company and Shell Chemical LP

Case ID No. 47110

Reg. Ent. Reference No. RN100211879

Media Air

Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
No commas or \$							

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	6-Jan-2012	13-Jun-2013	1.44	\$718	n/a	\$718

Notes for DELAYED costs

Estimated cost to install additional alarms and evaluate work practices to ensure that the maximum fill rates for Tank Nos. D402 and D403, and the maximum puming rate for Tank No. F354 are not exceeded. The Date Required is the date of the earliest exceedance. The Final Date is the date corrective actions were completed.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/equipment				0.00	\$0	\$0	\$0
Financial Assurance [2]				0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$10,000

TOTAL

\$718



Compliance History Report

PUBLISHED Compliance History Report for CN601542012, RN100211879, Rating Year 2012 which includes Compliance History (CH) components from September 1, 2007, through August 31, 2012.

Customer, Respondent, or Owner/Operator:	CN601542012, Shell Oil Company	Classification: SATISFACTORY	Rating: 28.02
Regulated Entity:	RN100211879, SHELL OIL DEER PARK	Classification: SATISFACTORY	Rating: 29.48
Complexity Points:	90	Repeat Violator:	NO
CH Group:	02 - Oil and Petroleum Refineries		
Location:	5900 HIGHWAY 225 DEER PARK, TX 77536-2434, HARRIS COUNTY		
TCEQ Region:	REGION 12 - HOUSTON		

ID Number(s):

AIR OPERATING PERMITS ACCOUNT NUMBER HG0659W
AIR OPERATING PERMITS PERMIT 1668
AIR OPERATING PERMITS PERMIT 1945
AIR OPERATING PERMITS PERMIT 1947
AIR OPERATING PERMITS PERMIT 2108
POLLUTION PREVENTION PLANNING ID NUMBER P00619

WASTEWATER PERMIT WQ0000402000
WASTEWATER PERMIT WQ0000403000
WASTEWATER EPA ID TX0004871
AIR NEW SOURCE PERMITS REGISTRATION 54895
AIR NEW SOURCE PERMITS REGISTRATION 75524
AIR NEW SOURCE PERMITS REGISTRATION 76315
AIR NEW SOURCE PERMITS REGISTRATION 11177
AIR NEW SOURCE PERMITS REGISTRATION 12537
AIR NEW SOURCE PERMITS REGISTRATION 13713
AIR NEW SOURCE PERMITS PERMIT 1119
AIR NEW SOURCE PERMITS PERMIT 3178
AIR NEW SOURCE PERMITS PERMIT 3216
AIR NEW SOURCE PERMITS PERMIT 6791
AIR NEW SOURCE PERMITS REGISTRATION 10888
AIR NEW SOURCE PERMITS REGISTRATION 11586
AIR NEW SOURCE PERMITS REGISTRATION 12829
AIR NEW SOURCE PERMITS REGISTRATION 15961
AIR NEW SOURCE PERMITS REGISTRATION 15262
AIR NEW SOURCE PERMITS REGISTRATION 15499
AIR NEW SOURCE PERMITS PERMIT 18576
AIR NEW SOURCE PERMITS PERMIT 22038
AIR NEW SOURCE PERMITS REGISTRATION 24096
AIR NEW SOURCE PERMITS REGISTRATION 29597
AIR NEW SOURCE PERMITS REGISTRATION 33524
AIR NEW SOURCE PERMITS REGISTRATION 34358
AIR NEW SOURCE PERMITS REGISTRATION 35608
AIR NEW SOURCE PERMITS ACCOUNT NUMBER HG0659W
AIR NEW SOURCE PERMITS PERMIT 1920
AIR NEW SOURCE PERMITS PERMIT 2597
AIR NEW SOURCE PERMITS PERMIT 3214
AIR NEW SOURCE PERMITS PERMIT 3217
AIR NEW SOURCE PERMITS PERMIT 3219
AIR NEW SOURCE PERMITS PERMIT 4256
AIR NEW SOURCE PERMITS REGISTRATION 41920

AIR OPERATING PERMITS PERMIT 1669
AIR OPERATING PERMITS PERMIT 1943
AIR OPERATING PERMITS PERMIT 1946
AIR OPERATING PERMITS PERMIT 1948
AIR OPERATING PERMITS PERMIT 1942
POLLUTION PREVENTION PLANNING ID NUMBER P07403

WASTEWATER EPA ID TX0004863
WASTEWATER EPA ID TX0004871
AIR NEW SOURCE PERMITS PERMIT 21262
AIR NEW SOURCE PERMITS REGISTRATION 55312
AIR NEW SOURCE PERMITS REGISTRATION 55869
AIR NEW SOURCE PERMITS PERMIT 7855
AIR NEW SOURCE PERMITS REGISTRATION 12152
AIR NEW SOURCE PERMITS REGISTRATION 13373
AIR NEW SOURCE PERMITS REGISTRATION 16429
AIR NEW SOURCE PERMITS PERMIT 1120
AIR NEW SOURCE PERMITS PERMIT 3179
AIR NEW SOURCE PERMITS PERMIT 5801
AIR NEW SOURCE PERMITS PERMIT 9334
AIR NEW SOURCE PERMITS REGISTRATION 11096
AIR NEW SOURCE PERMITS REGISTRATION 12373
AIR NEW SOURCE PERMITS REGISTRATION 13678
AIR NEW SOURCE PERMITS PERMIT 8236
AIR NEW SOURCE PERMITS REGISTRATION 15365
AIR NEW SOURCE PERMITS REGISTRATION 15940
AIR NEW SOURCE PERMITS PERMIT 19849
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX815
AIR NEW SOURCE PERMITS REGISTRATION 27598
AIR NEW SOURCE PERMITS REGISTRATION 32282
AIR NEW SOURCE PERMITS REGISTRATION 34230
AIR NEW SOURCE PERMITS REGISTRATION 35243
AIR NEW SOURCE PERMITS PERMIT 37206
AIR NEW SOURCE PERMITS AFS NUM 4820100039
AIR NEW SOURCE PERMITS PERMIT 1968
AIR NEW SOURCE PERMITS PERMIT 3173
AIR NEW SOURCE PERMITS PERMIT 3215
AIR NEW SOURCE PERMITS PERMIT 3218
AIR NEW SOURCE PERMITS PERMIT 3985A
AIR NEW SOURCE PERMITS PERMIT 4933
AIR NEW SOURCE PERMITS REGISTRATION 41875

AIR NEW SOURCE PERMITS REGISTRATION 42221
AIR NEW SOURCE PERMITS REGISTRATION 42512
AIR NEW SOURCE PERMITS REGISTRATION 42118
AIR NEW SOURCE PERMITS REGISTRATION 45944
AIR NEW SOURCE PERMITS PERMIT 48912
AIR NEW SOURCE PERMITS PERMIT 56496
AIR NEW SOURCE PERMITS REGISTRATION 71223
AIR NEW SOURCE PERMITS REGISTRATION 54061
AIR NEW SOURCE PERMITS REGISTRATION 52565
AIR NEW SOURCE PERMITS REGISTRATION 52088
AIR NEW SOURCE PERMITS REGISTRATION 50423
AIR NEW SOURCE PERMITS REGISTRATION 75045
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX928
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX974
AIR NEW SOURCE PERMITS REGISTRATION 76699
AIR NEW SOURCE PERMITS REGISTRATION 76265
AIR NEW SOURCE PERMITS REGISTRATION 79604
AIR NEW SOURCE PERMITS REGISTRATION 80503
AIR NEW SOURCE PERMITS REGISTRATION 84642
AIR NEW SOURCE PERMITS REGISTRATION 84538
AIR NEW SOURCE PERMITS REGISTRATION 87183
AIR NEW SOURCE PERMITS REGISTRATION 92675
AIR NEW SOURCE PERMITS REGISTRATION 92219
AIR NEW SOURCE PERMITS REGISTRATION 94547
AIR NEW SOURCE PERMITS REGISTRATION 96066
AIR NEW SOURCE PERMITS REGISTRATION 102096
AIR NEW SOURCE PERMITS REGISTRATION 98473
AIR NEW SOURCE PERMITS REGISTRATION 96915
AIR NEW SOURCE PERMITS REGISTRATION 102948
AIR NEW SOURCE PERMITS REGISTRATION 105057
AIR NEW SOURCE PERMITS REGISTRATION 105056
AIR NEW SOURCE PERMITS REGISTRATION 109247
AIR NEW SOURCE PERMITS REGISTRATION 112344
AIR NEW SOURCE PERMITS REGISTRATION 106379
AIR NEW SOURCE PERMITS REGISTRATION 105058
AIR NEW SOURCE PERMITS REGISTRATION 105772

INDUSTRIAL AND HAZARDOUS WASTE PERMIT 50099

INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE
REGISTRATION # (SWR) 30007
PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 6001443

IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION #
(SWR) 30007
AIR EMISSIONS INVENTORY ACCOUNT NUMBER HG0659W

AIR NEW SOURCE PERMITS REGISTRATION 42573
AIR NEW SOURCE PERMITS REGISTRATION 43605
AIR NEW SOURCE PERMITS REGISTRATION 45654
AIR NEW SOURCE PERMITS REGISTRATION 47575
AIR NEW SOURCE PERMITS PERMIT 56476
AIR NEW SOURCE PERMITS REGISTRATION 70903
AIR NEW SOURCE PERMITS REGISTRATION 71567
AIR NEW SOURCE PERMITS REGISTRATION 50548
AIR NEW SOURCE PERMITS REGISTRATION 52089
AIR NEW SOURCE PERMITS REGISTRATION 50388
AIR NEW SOURCE PERMITS REGISTRATION 74572
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX896
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX928M1
AIR NEW SOURCE PERMITS REGISTRATION 77284
AIR NEW SOURCE PERMITS REGISTRATION 77952
AIR NEW SOURCE PERMITS REGISTRATION 78624
AIR NEW SOURCE PERMITS REGISTRATION 80525
AIR NEW SOURCE PERMITS REGISTRATION 81971
AIR NEW SOURCE PERMITS REGISTRATION 87871
AIR NEW SOURCE PERMITS REGISTRATION 85596
AIR NEW SOURCE PERMITS REGISTRATION 87173
AIR NEW SOURCE PERMITS REGISTRATION 92386
AIR NEW SOURCE PERMITS REGISTRATION 93992
AIR NEW SOURCE PERMITS REGISTRATION 95595
AIR NEW SOURCE PERMITS REGISTRATION 98644
AIR NEW SOURCE PERMITS REGISTRATION 100328
AIR NEW SOURCE PERMITS REGISTRATION 100945
AIR NEW SOURCE PERMITS REGISTRATION 101891
AIR NEW SOURCE PERMITS REGISTRATION 105051
AIR NEW SOURCE PERMITS REGISTRATION 112737
AIR NEW SOURCE PERMITS REGISTRATION 105060
AIR NEW SOURCE PERMITS REGISTRATION 105055
AIR NEW SOURCE PERMITS REGISTRATION 112313
AIR NEW SOURCE PERMITS REGISTRATION 108593
AIR NEW SOURCE PERMITS REGISTRATION 105059
PETROLEUM STORAGE TANK STAGE II REGISTRATION 32780

INDUSTRIAL AND HAZARDOUS WASTE EPA ID
TXD067285973
INDUSTRIAL AND HAZARDOUS WASTE EPA ID
TXD000750620
PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1010320

PETROLEUM STORAGE TANK REGISTRATION REGISTRATION
32780

Compliance History Period: September 01, 2007 to August 31, 2012 Rating Year: 2012 Rating Date: 09/01/2012

Date Compliance History Report Prepared: August 21, 2013

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: August 21, 2008 to August 21, 2013

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Rebecca Johnson

Phone: (361) 825-3423

Site and Owner/Operator History:

- 1) Has the site been in existence and/or operation for the full five year compliance period? YES
2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO
3) If YES for #2, who is the current owner/operator? N/A

Published Compliance History Report for CN601542012, RN1000211879, Rating Year 2012 which includes Compliance History (CH) components from August 21, 2008, through August 21, 2013.

4) If **YES** for #2, who was/were the prior owner(s)/operator(s)? N/A

5) If **YES**, when did the change(s) in owner or operator occur? N/A

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

- 1 Effective Date: 09/22/2008 ADMINORDER 2007-1789-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Shell failed to prevent an avoidable emissions event.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Failure to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failure to keep a flame present at a flare at all times.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT
Description: Failure to prevent unauthorized emissions.
- 2 Effective Date: 09/22/2008 ADMINORDER 2007-1472-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: No.1968, Special Condition #1, MAERT PERMIT
Description: Shell failed to prevent an avoidable emissions event that resulted in the release of a large quantity of VOCs.
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.3214, Special Condition #1 PERMIT
Description: failed to comply with permitted emissions limits.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F)
30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failure to list the compound descriptive type for the emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No. 3219, Gen Condition 8 PERMIT
Description: failed to comply with permitted emissions limits
- 3 Effective Date: 11/06/2008 ADMINORDER 2007-1218-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

- 5C THC Chapter 382, SubChapter D 382.085(b)
Rqmt Prov: Permit No.3173, Special Condition #1 PERMIT
Description: Failure to install the metallurgically correct cap to a pump causing a leak to develop on a pump.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)
Rqmt Prov: No. 9334, Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter D 382.085(b)
Description: Failed to notify the TCEQ Region Office of an emission event within 24 hours.
- 4 Effective Date: 11/17/2008 ADMINORDER 2008-0283-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: NSR Permit 3219 and PST-TX-974, MAERT PERMIT
Description: Failed to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition #1 PERMIT
Description: Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 7,275 lbs of sulfur dioxide, 38.50 lbs of CO, 5.33 lbs of NOx, 77.30 lbs of H2S, 304.3 lbs of volatile organic compounds, and 0.70 lbs of particulate matter were released through the East Property Flare in the Catalytic Cracker Feed Hydrotreater Unit during an emissions event (Incident No. 99227) that occurred on October 24, 2007 and lasted one hour and 50 minutes.
- 5 Effective Date: 12/04/2008 ADMINORDER 2008-0635-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: NSR 3173, SC 1 PERMIT
O-01948, SC 13(A) OP
Description: Failed to maintain the VOC MAER of 0.52 lbs per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions from the East Property Flare on December 16, 2007.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)
Description: Failed to provide information within 14 days of the Additional Information Request dated February 11, 2008.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition #1 PERMIT
Description: Failed to prevent unauthorized emissions from the Coker Flare on February 4, 2008.
- 6 Effective Date: 12/04/2008 ADMINORDER 2006-0328-MLM-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT
 TCEQ Flex Air Permit 21262/PSDTX928, SC1 PERMIT
 Description: Shell failed to prevent the unauthorized release of air contaminants into the atmosphere.
 Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to comply with emissions event reporting requirements.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: TCEQ Flexible Air Permit #21262, SC1 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: Permit No. 3219/PSD-TX-974, G.C. 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 3179, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
 30 TAC Chapter 101, SubChapter A 101.20(2)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to properly seal open-ended lines.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 21262, Special Condition 1 PERMIT
 Permit No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: No. 21262, SC #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)

5C THSC Chapter 382 382.085(b)

Description: Shell failed to submit an emissions event report within two weeks after the end of the event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit 3179, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 2162/PSDTX 928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(3)(i)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)

Rqmt Prov: Permit 50099, Provision V.1.2.b. PERMIT

Description: Shell failed to comply with BIF operating parameters for the total ash feed rate, by not revising the data in the Distributed Control Systems for the correct level of ash being fed into the unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)

5C THSC Chapter 382 382.085(b)

Description: Shell failed to identify the preconstruction authorization number in the final report submitted to the agency for the facility involved in the emissions event, which occurred on June 15, 2005, in the CCU.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3219/ PSD-TX-974, G.C. 8 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3173, Special Condition 13 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)

5C THSC Chapter 382 382.085(b)

Description: Shell failed to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006 at Tank T-75A.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.3178, Special Condition No.1 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT

Description: Shell failed to prevent an unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 112, SubChapter A 112.3(b)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: TCEQ Flexible Air Permit No. 21262, SC1 PERMIT

Description: Shell failed to prevent an avoidable emissions event.

7 Effective Date: 02/08/2009 ADMINORDER 2007-0837-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event that started on December 5, 2005.

Classification: Minor

Citation: 30 TAC Chapter 106, SubChapter K 106.262(a)(3)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a PI-7 Form within 10 days following modification of the three storage tanks.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)(A)

30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(2)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #2 PERMIT

Description: Failed to comply with the 20 ppm HAP limit for Spent Air Incinerator H9200.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC#1 PERMIT

Description: Failed to comply with the 9.0 lbs/hr acetone emissions limit for Spent Air Incinerator H9200.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

Description: Failed to comply with the 20 ppm VOC emissions limit for Spent Air Incinerator H9200.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #21E PERMIT

Description: Failed to maintain a cap, plug, or blind flange on all open-ended lines.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #21H PERMIT

Description: Failed to maintain a leaking component tag on leaking components until the component is repaired.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(c)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

Description: Failed to make a first attempt to repair a leaking component within five days after discovery.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.144(1)(E)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, General Terms & Conditions OP

Description: Failed to maintain all required monitoring analysis data.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(1)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.114(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #14 PERMIT

Description: Failed to perform continuous monitoring of the flare pilot flame.

Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945 General Terms & Conditions OP

Description: Failed to submit an annual compliance certification and deviation report within 30 days after the reporting

period.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: No.3219 and PSD-TX-974, MAERT PERMIT

Description: Failed to prevent unauthorized emissions during a December 14, 2006 emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: No.3219, MAERT PERMIT

PSD-TX-974 PERMIT

Description: Failed to prevent unauthorized emissions during a February 1, 2007 emissions event.

8 Effective Date: 06/15/2009 ADMINORDER 2008-1621-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent the shutdown of the compressor.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, General Terms & Conditions OP

Description: Failure to submit the annual Permit Compliance Certification within 30 days of the end of the certification period.

9 Effective Date: 08/23/2009 ADMINORDER 2008-1092-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: 21262 AND PSD-TX-928, SC No. 1 PERMIT

Description: Shell exceeded permit limits during an avoidable emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit PERMIT

Description: Failed to prevent the unauthorized emissions of: 2,540 lbs of VOC, 12 lbs of H₂S, 452 lbs of NO_x, 3,248 lbs of CO, and 1,216 lbs of SO₂ released from the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare during an emissions event that occurred on March 7, 2008 and lasted 4 hours and 0 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code 101.222.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent plugging of level transmitter (LT-257) tap.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent an electrical short during installation of additional alarm at SRU Unit.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent wet gas compressor malfunction.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: MAERT PERMIT

Description: Failed to prevent the shutdown of the SRUs.

10 Effective Date: 08/31/2009 ADMINORDER 2008-1925-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC 1 PA

Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions from the North Property Flare on June 18, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Condition 8, NSRP 3219/PSDTX974 PA

Description: Failed to prevent unauthorized emissions from the OP-2 Elevated Flare, OP-3 Elevated Flare, and from the OP-3 Ground Flare on June 29, 2008

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC No. 1 PERMIT

Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions from the North Property Flare on July 17, 2008.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)

Description: Failed to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event.

11 Effective Date: 10/31/2009 ADMINORDER 2009-0465-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, an emissions event occurred from November 13 through 15, 2008, due to accumulation of rain resulting from clogged drain lines on a floating tank roof (Emission Point No. TOL905), that lasted for 38 hours and 44 minutes, resulting in the release of 10,169.40 pounds of volatile organic compounds.

12 Effective Date: 03/20/2010 ADMINORDER 2009-0806-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 1,514.6 pounds ("lbs") of volatile organic compounds ("VOC") [including 3.6 lbs of the Highly Reactive VOC ("HRVOC") ethylene and 884.2 lbs of the HRVOC propylene], 152.3 lbs of hydrogen sulfide, 82.7 lbs of nitrogen dioxide, 597.3 lbs of carbon monoxide, 16.8 lbs of particulate matter and 14,329.3 lbs of sulfur dioxide from the Distilling Hydrotreater ("DHT") Unit and the Catalytic

Cracking Unit during an avoidable
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 7,520.79 lbs of VOC, 16.28 lbs of H₂S, 147.84 lbs of benzene, 426.70 lbs of SO₂, 51.50 lbs of nitrogen oxide, 372.10 lbs of CO, 8.60 lbs of PM, 103.89 lbs of ethane, 292.53 lbs of methane, 12.75 lbs of nitrogen and 2.15 lbs of hydrogen from Distillation Unit 2 during an avoidable emissions event (Incident No. 119042) that began January 18, 2009 and lasted eight hours and four minutes. The event was caused the malfunction

13 Effective Date: 06/18/2010 ADMINORDER 2009-1789-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Shell failed to prevent unauthorized emissions. Shell Aromatics Concentration Unit operators caused unauthorized emissions when they landed the internal floating roof of tank, D-381. The operator failed to monitor the tank pump-out rates, and the tank level indication alarms. (Incident No. 125893). This resulted in the routing of emissions to the atmosphere.

14 Effective Date: 06/26/2010 ADMINORDER 2009-2090-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 125,980 pounds ("lbs") of volatile organic compounds, 262 lbs of benzene and 34 lbs of hydrogen sulfide from Distillation Unit 2 during an avoidable emissions event that began May 19, 2009 and lasted 20 minutes. The emissions event was the result of operators utilizing the No. 3 Crude Line even though water had accumulated in the line. The water flashed into steam which increased column pressure, resulting in the release

15 Effective Date: 07/11/2010 ADMINORDER 2009-1984-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 12,972 lbs of VOC, 5,816 lbs of CO and 1,062 lbs of NO_x from flaring at the Olefins Flare System in the Olefins 3 Unit during an avoidable emissions event (Incident No. 126985) that began July 19, 2009 and lasted nine hours and 58 minutes. The event was the result of an operator not following the established procedure for bypassing the Instrument Protection Function transmitters. As a result, the LI-5026Z transmitter

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 37.08 pounds of benzene from the Aromatics Concentration Unit during an avoidable emissions event (Incident No. 127526) that was discovered July 28, 2009 and lasted two hours. An internal floating roof of a storage tank was lowered to the point where the vacuum breaker opened releasing emissions to the atmosphere. The tank level alarm was improperly set, so there was no indication that the vacuum breaker had

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)

Description: Failed to submit the initial notification for Incident No. 127526 within 24 hours after the discovery of the event and failed to submit the final report within 14 days after the end of the event. Specifically, the initial notification was due July 29, 2009 but was not submitted until July 31, 2009, and the final report was due August 11, 2009 but was not submitted until August 12, 2009.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PA
Special Condition 13 OP

Description: Failed to comply with hourly VOC emission rates. Specifically, the Respondent exceeded the 0.98 lb/hour VOC limit for the C39 Scrubber Column Vent on 221 occasions and released an aggregate amount of 57.18 lbs of unauthorized VOC emissions over a total of 119 hours, from July 29 through September 11, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit No. 3179, Spec. Cond. No. 6 OP

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 241.40 lbs of VOC, 121.70 lbs of CO and 25.20 lbs of NOx from the HIPA flare in the LPG Unit during an avoidable emissions event (Incident No. 127809) that began July 3, 2009 and lasted five hours. The event was not discovered until August 5, 2009, during the internal monthly compliance review. The event was due to a faulty relief valve prematurely opening, allowing emissions to enter the flare. Since this emissions

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition No. 6 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 278.40 lbs of volatile organic compounds ("VOC"), 240.10 lbs of carbon monoxide ("CO") and 39 lbs of nitrogen oxide ("NOx") from the Houston Isopropyl Alcohol ("HIPA") flare in the LPG ("Liquified Petroleum Gas") Unit during an avoidable emissions event (Incident No. 127810) that began July 15, 2009 and lasted five hours. The event was not discovered until August 5, 2009, during the internal monthly compliance review

16 Effective Date: 10/25/2010 ADMINORDER 2009-1300-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition No. 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 15 OP
FOP O-02108 STC 1A OP
NSR 18576 SC 4A PERMIT
NSR 1968 SC 2 PERMIT
NSR 19849 SC 2A PERMIT
NSR 3173 SC 4 PERMIT
NSR 3179 SC 14 PERMIT

Description: Failed to maintain minimum heating value at the HIPA and A&S Flares.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 15 OP
FOP O-02108 STC 1A OP
NSR 18576 SC 4A PERMIT
NSR 19849 SC 26 PERMIT

Description: Failed to meet the net heating value and exit velocity at the A&S Flare.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 1A OP
FOP STC O-02108 15 OP
NSR 18576 SC 4B PERMIT

NSR 1968 SC 2 PERMIT
NSR 19849 SC 2B PERMIT

Description: Failed to maintain records of the pilot monitoring data at the A&S Flare from April 21, 2008 through December 31, 2008.

- 17 Effective Date: 02/05/2011 ADMINORDER 2010-0609-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition No. 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 133506. Since this emissions event could have been avoided through better maintenance practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 134189. Since this emissions event could have been avoided through better operational practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition No. 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 134301. Since this emissions event could have been avoided through better operational practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
- 18 Effective Date: 04/18/2011 ADMINORDER 2010-1331-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions. Since this emissions event could have been avoided by better operational practices and was reported late, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present affirmative defense were not met.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)
Description: Failed to submit the initial notification for Incident No. 136726 within 24 hours after the discovery of the event and failed to submit the final report within 14 days after the end of the event.
- 19 Effective Date: 05/08/2011 ADMINORDER 2010-1439-IHW-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter F 335.173(a)(3)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.301(a)(2)
Rqmt Prov: V.G.4.g. OP
Description: Failed to ensure that the leachate depth in the leachate collection/leak detection system does not exceed 12 inches above the liner. Specifically, based on review of the Leachate Log, a TCEQ investigator noted leachate levels above the maximum permitted level of 12 inches on 14 occasions in Cell 2 of the Site 104 Landfill located at the Plant.
- 20 Effective Date: 06/20/2011 ADMINORDER 2010-1351-MLM-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(E)(iii)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: PSD-TX-928 PERMIT
Description: Failing to provide first repair attempt records for three leaking pumps. Specifically, Tag Nos. 115830, 26001 and 40477 were detected to be leaking on April 11, 2007, April 10, 2007, and May 10, 2007. During an enforcement review meeting on December 17, 2009, leaking component records were requested; however, Respondent did not provide

accurate records to demonstrate compliance for these pumps until October 20, 2010.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 115, SubChapter D 115.352(2)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(d)(1)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
40 CFR Part 61, Subpart V 61.242-7(d)(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 1(A) OP

FOP O-01669, SC 24 OP

NSR 21262, SC 2 PERMIT

NSR 21262, SC 3(A) PERMIT

NSR 21262, SC 3(B) PERMIT

NSR 21262, SC 4(D) PERMIT

NSR 21262, SC 9(I) PERMIT

SC 2, 3(A), 3(B), 4(D), 9(I) PERMIT

Description: Failing to repair or place the valve on delay of repair by the 15th day after the detection of a leak. Specifically, Tag. No. 41855 was detected leaking on February 13, 2007, and was not repaired until March 20, 2007.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, General Terms & Conditions OP

Description: Failing to report all instances of deviations. Specifically, a total of 7 deviations were missing from reports for the following time periods: November 22, 2006 through May 21, 2007, May 22, 2007 through November 21, 2007, November 22, 2007 through December 31, 2007, January 1, 2008 through June 30, 2008, and July 1, 2008 through December 31, 2008;

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter E 115.421(a)(9)(A)(ii)
5C THSC Chapter 382 382.085(b)

Description: Failing to prevent the exceedance of 3.5 pounds per gallon ("lbs/gal") volatile organic compounds (VOC) on a daily basis. Specifically, EPN PAINTFE exceeded this limit on 98 occasions, with amounts ranging from 3.51 lbs/gal to 6.98 lbs/gal from January 2, 2008 through July 31, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 1(A) OP

FOP O-01669, SC 24(A) OP

NSR 21262, SC 2 PERMIT

NSR 21262, SC 24 PERMIT

NSR 21262, SC 4 PERMIT

SC 2, 4, 24 PERMIT

Description: Failing to maintain a minimum of 300 British thermal units per standard cubic foot ("Btu/scf") for EPN COKEFLARE. Specifically, EPN COKEFLARE fell below the required heating value for a total of three hours on three separate days in January, May, and July, 2008, with heating values ranging from 238 Btu/scf to 231 Btu/scf.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 24(A) OP

General Condition 8 PERMIT

NSR 46535, SC 1 PERMIT

Description: Failing to maintain compliance with the MAERT for sulfur dioxide (SO₂) for the Cracked Gas Hydrotreater Furnace ("EPN H36100"). Specifically, EPN H36100 emitted 7.3067 tons in 2007, and the allowed limit is 4.48 tons per year.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(2)(i)(E)

Rqmt Prov: Permit Provision (PP) V.I.3.b.(1) PERMIT

Description: Failing to maintain the minimum combustion temperature at the BIF of 1800 degrees Fahrenheit. Specifically, on March 26, 2009 and May 20, 2009, a total of three excursions occurred and the temperature fell to 1744.14, 1770.38, and 1721.2 degrees Fahrenheit, respectively.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)

Rqmt Prov: PP V.I.7.d. PERMIT

Description: Failing to test or document the rationale that the BIF was being tested at least every 30 days. Specifically, more than a 30 day gap was noted from September 10, 2008 through October 14, 2008, and from December 10, 2008 until January 29, 2009

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(1)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT C 264.15(d)

Rqmt Prov: PP V.I.7.e. PERMIT

Description: Failing to record observations in an inspection log or summary at the BIF area. Specifically, a phenol heavy waste stream had leaked around the pump in a secondary containment, the boiler water was leaking and being collected into a fracture tank, and the operator did not make any notations about these problems on the daily BIF inspection log.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC No. 1 PERMIT

Special Condition #1 PERMIT

Description: Failing to prevent the unauthorized release of air contaminants into the atmosphere when the V-5102 Crude Column was overpressured when the wash water entered the feed crude train at the DU2. Specifically, on May 17, 2009, during this two-minute emission event (Incident No. 124343) the following emissions were released: 7.587 tons of VOCs, 4 lbs. of hydrogen sulfide (H₂S), and 32 lbs of benzene. The TCEQ determined these emissions could have been avoided by better operational practices.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(2)(i)(E)

Rqmt Prov: V.I.3.b.1 OP

Description: Failing to maintain the minimum combustion temperature of 1800 degrees Fahrenheit while hazardous waste is being fed to the BIF unit. Specifically, Respondent fed hazardous waste to the BIF unit below the minimum combustion temperature on June 24, 2009, August 28, 2009, September 10, 2009, and September 19, 2009.

21 Effective Date: 06/20/2011 ADMINORDER 2010-1889-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

22 Effective Date: 06/20/2011 ADMINORDER 2010-1538-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event that occurred on May 7, 2010.

23 Effective Date: 07/31/2011 ADMINORDER 2010-2072-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

Rqmt Prov: Special Condition 1 PERMIT

Description: The Respondent is alleged to have failed to prevent unauthorized emissions from the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare during Incident No. 143946.

- 24 Effective Date: 10/17/2011 ADMINORDER 2011-0475-AIR-E (Findings Order-Agreed Order Without Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: Special Condition 1 PERMIT
 Description: Failed to prevent unauthorized emissions.
- 25 Effective Date: 02/18/2012 ADMINORDER 2011-0860-AIR-E (Findings Order-Agreed Order Without Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 Rqmt Prov: General Terms and Conditions OP
 Description: Failure to timely submit a PCC Report certifying the first semi-annual reporting period January 1, 2010 through June 30, 2010. (Category A8(c)(1)(E))
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 30 TAC Chapter 122, SubChapter B 122.146(2)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: General Terms and Conditions 01/24/2005 OP
 Description: Failed to submit a PCC under Title V Permit O-01948 within the required 30-day timeframe for the certification period of January 1, 2010 through December 31, 2010
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: General Terms and Conditions OP
 Description: Failed to submit a PCC under Title V Permit O-01668 within the required 30-day timeframe for the certification period of January 1, 2010 through June 30, 2010
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: Special Condition 1 OP
 Description: Failure to submit permit compliance certification for the period January 1, 2010 through June 30, 2010. Violation Category A8(c)(1)(E). This is a high priority violation (HPV).
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: Special Conditions 1 OP
 Description: Failed to report as deviation for not submitting a PCC for the period January 1, 2010 through June 30, 2010. Category C3 violation.
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: Permit No. 1943 ORDER
 Description: Failure to submit a timely PCC report certifying the first semi-annual reporting period January 1, 2010 through June 30, 2010 [Category A8; Attachment A c.(1)(E)]
 Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.146(2)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov: General Terms & Conditions OP
 Description: Failure to submit a PCC under Title V Permit O-01669 within the required 30-day timeframe for the certification period of January 1, 2010 through December 31, 2010

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to report two emissions events and four startups/shutdowns as deviations in the deviation report dated July 30, 2010

This violation discovered by the investigator during the course of this investigation

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failed to submit a PCC under Title V Permit O-01945 within the required 30-day timeframe for the certification period of January 1, 2010 through June 30, 2010

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to submit a permit compliance certification report. Category A8(c)(1)(E)

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to report as deviation for not submitting a PCC for the first semi-annual reporting period January 1, 2010 through June 30, 2010. Category C3 violation.

26 Effective Date: 05/25/2012 ADMINORDER 2011-1311-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC 1 PERMIT

ST&C 2.I PERMIT

Description: Failure to prevent unauthorized emissions. Shell failed to prevent a leak on the overhead of the DU2 Unit Crude Column V-5102.

27 Effective Date: 08/17/2012 ADMINORDER 2011-2121-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O1668, STC 15 OP

NSR Permit 3219, SC 1 PERMIT

Description: Failed to prevent unauthorized emissions on June 7, 2011 in Olefins Plant 3. Because the event could have been avoided by better operating practices and was not reported properly, Shell Chemical LP did not meet the criteria for claiming an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
5C THSC Chapter 382 382.085(b)

Description: Failed to include all the total quantities of contaminants released in the final report the emissions event that occurred on June 7, 2011 in Olefins Plant 3.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O1669, STC 22 OP

NSR Permit 21262, SC 1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event in the Coker Unit that began on June 12, 2011. Because the event could have been avoided by better operating practices, Shell Oil Company did not meet the criteria for claiming an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)

Description: Failed to provide timely submittal of additional information to the TCEQ by August 1, 2011 for the emissions event that began on June 12, 2011 in the Coker Unit.

28 Effective Date: 03/21/2013 ADMINORDER 2012-1385-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions during Incident No. 165218. Specifically, 35.60 pounds ("lbs") of 1,3 butadiene, 440.56 lbs of cis-2-butene, 637.99 lbs of trans-2-butene, 511.19 lbs of n-butane, 1,392.48 lbs of butene 1_isobutene, 892.50 lbs of butanes and isobutanes, 20 lbs of propane, 339.60 lbs of other volatile organic compounds ("VOC"), and 4.90 lbs of propylene were released during an emissions event (Incident No. 165218) which began on February 22, 2012, and lasted for 24 mi

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	August 22, 2008	(699629)
Item 2	September 10, 2008	(702237)
Item 3	September 22, 2008	(750224)
Item 4	October 09, 2008	(703510)
Item 5	October 16, 2008	(704306)
Item 6	October 22, 2008	(750226)
Item 7	October 23, 2008	(682549)
Item 8	October 27, 2008	(706455)
Item 9	November 24, 2008	(641389)
Item 10	December 04, 2008	(565248)
Item 11	December 12, 2008	(721015)
Item 12	December 22, 2008	(750230)
Item 13	December 29, 2008	(722320)
Item 14	January 09, 2009	(723179)
Item 15	January 15, 2009	(707647)
Item 16	January 20, 2009	(708950)
Item 17	January 28, 2009	(720984)
Item 18	February 09, 2009	(709972)
Item 19	February 18, 2009	(735789)
Item 20	February 20, 2009	(723069)
Item 21	February 25, 2009	(750216)
Item 22	March 23, 2009	(750217)
Item 23	April 02, 2009	(722827)
Item 24	April 30, 2009	(744066)
Item 25	May 11, 2009	(741959)
Item 26	May 13, 2009	(742834)
Item 27	May 14, 2009	(742134)
Item 28	May 20, 2009	(768321)
Item 29	June 01, 2009	(742131)
Item 30	June 15, 2009	(768320)
Item 31	July 22, 2009	(763029)
Item 32	August 12, 2009	(764686)
Item 33	August 13, 2009	(760336)

Item 34	September 23, 2009	(766994)
Item 35	September 28, 2009	(777627)
Item 36	October 14, 2009	(779040)
Item 37	October 23, 2009	(778758)
Item 38	October 30, 2009	(765451)
Item 39	November 10, 2009	(760343)
Item 40	November 30, 2009	(780176)
Item 41	December 09, 2009	(778830)
Item 42	January 13, 2010	(787368)
Item 43	February 01, 2010	(788201)
Item 44	February 23, 2010	(787148)
Item 45	March 15, 2010	(789829)
Item 46	March 25, 2010	(794199)
Item 47	March 29, 2010	(792150)
Item 48	April 02, 2010	(794620)
Item 49	April 05, 2010	(797068)
Item 50	April 06, 2010	(783318)
Item 51	April 12, 2010	(793088)
Item 52	April 21, 2010	(798275)
Item 53	April 29, 2010	(800569)
Item 54	May 07, 2010	(797014)
Item 55	May 10, 2010	(797040)
Item 56	May 19, 2010	(801115)
Item 57	May 20, 2010	(801366)
Item 58	May 25, 2010	(824557)
Item 59	June 22, 2010	(798148)
Item 60	July 09, 2010	(826170)
Item 61	July 26, 2010	(803128)
Item 62	July 27, 2010	(824430)
Item 63	July 28, 2010	(842904)
Item 64	August 09, 2010	(800144)
Item 65	August 17, 2010	(803124)
Item 66	August 31, 2010	(803142)
Item 67	September 16, 2010	(864076)
Item 68	January 21, 2011	(878058)
Item 69	March 08, 2011	(900041)
Item 70	March 15, 2011	(859959)
Item 71	April 08, 2011	(906978)
Item 72	April 27, 2011	(901538)
Item 73	May 12, 2011	(901220)
Item 74	May 16, 2011	(901224)
Item 75	May 24, 2011	(921483)
Item 76	June 07, 2011	(912033)
Item 77	June 17, 2011	(915211)
Item 78	July 22, 2011	(937608)
Item 79	August 01, 2011	(923435)
Item 80	August 17, 2011	(948252)
Item 81	August 23, 2011	(937593)
Item 82	August 26, 2011	(937667)
Item 83	August 29, 2011	(937668)
Item 84	August 30, 2011	(937207)
Item 85	September 22, 2011	(956750)
Item 86	September 28, 2011	(937483)
Item 87	December 12, 2011	(969310)
Item 88	December 16, 2011	(970016)
Item 89	January 17, 2012	(964848)
Item 90	February 06, 2012	(976905)
Item 91	February 15, 2012	(987664)
Item 92	February 24, 2012	(987343)
Item 93	March 16, 2012	(994459)

Published Compliance History Report for CN601542012, RN100211879, Rating Year 2012 which includes Compliance History (CH) components from August 21, 2008, through August 21, 2013.

Item 94	March 30, 2012	(976906)
Item 95	April 10, 2012	(989049)
Item 96	April 18, 2012	(987396)
Item 97	May 15, 2012	(1006516)
Item 98	June 29, 2012	(1009226)
Item 99	July 10, 2012	(1015877)
Item 100	July 30, 2012	(1013049)
Item 101	August 16, 2012	(1008493)
Item 102	September 05, 2012	(1013053)
Item 103	September 13, 2012	(1020375)
Item 104	September 18, 2012	(1031344)
Item 105	October 02, 2012	(1021281)
Item 106	January 25, 2013	(1046537)
Item 107	February 08, 2013	(1050758)
Item 108	February 27, 2013	(1059517)
Item 109	March 29, 2013	(1060207)
Item 110	April 10, 2013	(1059686)
Item 111	April 29, 2013	(1073262)
Item 112	July 31, 2013	(1098624)
Item 113	August 07, 2013	(1102332)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

- 1 Date: 08/21/2012 (1013047) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Special Condition 6 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 168746.

- 2 Date: 08/22/2012 (1008119) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST&C 1A OP
Description: Failure to limit maximum firing rate to 34 MMBtu/hr. Category B18 violation.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085
SC 8 PA
ST&C 21 OP
Description: Failure to record results of monitoring and conduct required bump test of monitoring equipment. Category C1 violation.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 9D(1) PA
ST&C 21 OP
Description: Failure to isolate equipment during decontamination. Category C1 violation.

- 3 Date: 01/18/2013 (1043318) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Special Condition 1 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 174697
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
Special Condition No. 24 PERMIT
Description: Shell failed to maintain the pollution-emissions capture and abatement equipment during Incident No. 174697.

4	Date:	01/29/2013	(1051395)	CN601405145	Self Report?	NO	Classification:	Moderate
	Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 5C THSC Chapter 382 382.085(b) Special Condition No. 1 PERMIT						
	Description:	Shell failed to prevent unauthorized emissions during Incident No. 175907.						
	Self Report?	NO			Classification:	Minor		
	Citation:	30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H) 5C THSC Chapter 382 382.085(b)						
	Description:	Shell failed to provide the permit number governing the facilities involved in in emissions event. Incident No. 175907.						
5	Date:	03/22/2013	(1054740)	CN601405145	Self Report?	NO	Classification:	Minor
	Citation:	30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G) 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H) 5C THSC Chapter 382 382.085(b)						
	Description:	Shell failed to report totally during emissions event Incident No. 177413.						
	Self Report?	NO			Classification:	Moderate		
	Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 5C THSC Chapter 382 382.085(b) Special Condition No. 1 PERMIT						
	Description:	Shell failed to prevent unauthorized emissions during Incident No. 177413.						
6	Date:	05/08/2013	(1073260)	CN601405145	Self Report?	NO	Classification:	Minor
	Citation:	30 TAC Chapter 115, SubChapter H 115.782(b)(1) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Title V O1946, ST&C 1A PERMIT						
	Description:	Failure to repair a valve in HRVOC service within the time frame required						
7	Date:	06/03/2013	(1073258)	CN601405145	Self Report?	NO	Classification:	Minor
	Citation:	30 TAC Chapter 106, SubChapter K 106.261(a)(7)(A) 30 TAC Chapter 116, SubChapter B 116.110(a)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Special Terms & Conditions 17 OP						
	Description:	Failure to notify TCEQ using form PI-7 within ten days following a change of tank service from benzene to toluene. (Category C3)						
	Self Report?	NO			Classification:	Moderate		
	Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Special Condition 9 PERMIT Special Terms & Conditions 17 OP						
	Description:	Failure to maintain tank fill rate of D350 below permitted limits. (Category B19g1)						
8	Date:	07/26/2013	(1073213)	CN601405145	Self Report?	NO	Classification:	Minor
	Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Special Condition 18 PERMIT Special Terms and Conditions 21 OP						
	Description:	Failure to maintain minimum firebox temperature in the Regenerative Thermal Oxidizer (RTO) (EPN H87002) (Category B19g1)						
	Self Report?	NO			Classification:	Moderate		
	Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(2) 5C THSC Chapter 382 382.085(b) Special Terms & Conditions 1A OP						
	Description:	Failure to maintain minimum hazardous air pollutant removal / destruction efficiency of the Catalytic Incinerator (EPN H9200) (Category B19g1).						
	Self Report?	NO			Classification:	Moderate		
	Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)						

5C THSC Chapter 382 382.085(b)
Special Condition 1 PERMIT
Special Terms & Conditions 21 OP
Description: Failure to prevent exceedance of carbon monoxide (CO) concentration and emissions rate limits from the Phenol/Acetone Plant Boiler (EPN H87920) (Category B14)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.116(d)(2)
30 TAC Chapter 122, SubChapter B 122.143(1)
General Terms & Conditions OP

Description: Failure to revise NSR Permit 3179 to incorporate operational changes documented in PBR Registration No. 87871 (Category C3).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)
5C THSC Chapter 382 382.085(b)
Special Condition 14A PERMIT

Description: Failure to maintain permitted flare tip velocity and net heating value on flares A-1301, A-1331 and A-1333 (Category B19g1).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Special Terms & Conditions 1.H(i) OP

Description: Failure to collect daily grab samples within ten hours of analyzer malfunction at Flare A1301 (Category C1).

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THSC Chapter 382 382.085(b)
Special Condition 22.E PERMIT
Special Terms & Conditions 1A OP
Special Terms & Conditions 21 OP

Description: Failure to seal an open ended line (OEL) (Category C10).

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Date: 08/12/2013 (1073265) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(1)
5C THSC Chapter 382 382.085(b)
SC 2 PERMIT
ST&C 1A and 25 PERMIT

Description: H2S exceedances in refinery fuel gas

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(2)(i)
5C THSC Chapter 382 382.085(b)
SC 2 PERMIT
ST&C 1A & 25 PERMIT

Description: SO2 exceedances from the Sulfur Recovery Unit (SRU) Incinerators (EPN SR3/4 Stack & SR5 Stack)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.103(a)
5C THSC Chapter 382 382.085(b)
SC 2 PERMIT
ST & C 1A and 25 PERMIT

Description: CO exceedances from the Fluid Catalytic Cracking Unit (FCCU) Catalyst Regenerator (EPN H5500 Stack)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: NH3 exceedances from the Catalytic Reformer SCR (EPN H53NN) and the FCCU

CO Boiler (H600)		
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) ST & C 1A PERMIT	
Description:	Failure to operate the Process Heater H5200 in HRVOC service within the established operating parameter limit	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6) 5C THSC Chapter 382 382.085(b) SC 24 PERMIT ST & C 1A and 25 PERMIT	
Description:	Failure to operate the North Property Flare (FLNFLARE) and the East Property Flare (EPFLARE) with the minimum net heating value of 300 Btu/scf and/or the maximum flare tip velocity	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5) 5C THSC Chapter 382 382.085(b) SC 24 PERMIT ST & C 1A and 25 PERMIT	
Description:	Failure to record flare's pilot flame presence for Girbitol Flare (EPN GIRBFLARE)	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) SC 19 PERMIT ST & C 25 PERMIT	
Description:	Failure to maintain the moisture content of no less than 7 percent for all coke stockpiles	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1) 5C THSC Chapter 382 382.085(b) SC 9E PERMIT ST & C 1A and 25 PERMIT	
Description:	Open-ended lines	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.354(5) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.486(b)(1) 5C THSC Chapter 382 382.085(b) SC 9H PERMIT ST & C 1A and 25 PERMIT	
Description:	Missing fugitive emissions leak tags	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.352(2) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-4(b)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.165(b) 5C THSC Chapter 382 382.085(b) SC 9I PERMIT ST & C 1A and 25 PERMIT	
Description:	Late fugitive leak repair for the relief valve (RV36264)	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) ST & C 1A PERMIT	
Description:	Late HRVOC grab sampling for the Coker Flare (EPNFLARECOKE) and the East Property Flare (EPFLARE)	
Self Report?	NO	Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(d)(2)(H)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: Tank roof vents open due to tank roof landings

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 42C(ii) PERMIT
ST & C 25 PERMIT

Description: Failure to conduct daily calibrations of monitoring instruments and failure to maintain calibration records

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 117, SubChapter B 117.340(c)(1)(B)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: Excessive downtime of NOx analyzer for the Catalytic Reformer SCR (EPN H53NN)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: CO exceedances from the Process Heaters (EPNs H1000, H5103, and H31003)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 3B PERMIT
ST & C 25 PERMIT

Description: CO exceedances from the Duct Burner 1 (EPN CDUCT1)

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Date: 08/12/2013 (1073212) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(d)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT WW 63.1063(d)(3)(iii)
5C THSC Chapter 382 382.085(b)
Special Terms & Conditions 1.A OP

Description: Failure to prevent a secondary tank seal gap in excess of regulatory limits. (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Special Terms and Conditions (ST&C) 1A OP

Description: Failure to Limit Carbon Monoxide Emissions from EPN FP3-1110 and FP3-1120 to 400 parts per million by volume (ppmv). (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Special Condition (SC) 1 PERMIT
Special Terms and Conditions (ST&C) 15 OP

Description: Failure to Limit Nitrogen Oxide (NOx) Emissions from EPN FOL-700 and FOL-710 to 18.37 pounds per hour (lb/hr). (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(d)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)
Special Condition 8A PERMIT
Special Terms and Conditions (ST&C) 15 OP
Special Terms and Conditions (ST&C) 1A OP

Description: Failure to Maintain Flare Net Heating Value and Exit Velocity Within Permitted Limits. (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
 5C THSC Chapter 382 382.085(b)
 Special Condition (SC) 6E PERMIT
 Special Terms and Conditions (ST&C) 15 OP
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to Seal an Open Ended Line (OEL). (Category C10)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to sample and analyze HRVOC concentration in the flare header gas when
 analyzer was down. (Category C1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
 5C THSC Chapter 382 382.085(b)
 Special Condition (SC) 8C PERMIT
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to Prevent Visible Emissions from the OP3 Ground Flare (EPN OP3GRFLA).
 (Category C4)

F. Environmental audits:

Notice of Intent Date: 05/23/2008 (682189)
 Disclosure Date: 11/25/2008
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Rqmt Prov: PA TPDES 00402
 Description: Failure to comply with TPDES permit condition requirements. Specifically, 270 feet of sewer confined to six
 segments of the storm sewer contained defects and structural cracks that may affect the hydraulic integrity.

Notice of Intent Date: 06/17/2008 (686667)
 Disclosure Date: 11/25/2008
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Rqmt Prov: PERMIT TPDES 00402
 Description: Failure to comply with TPDES permit conditions. Specically, 160 ft of sewer confied to 4 segements contained
 defects and structural cracks that may affect the hydralic integrity of these segments.

Notice of Intent Date: 08/13/2008 (701440)
 Disclosure Date: 02/19/2009
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Description: Failure to maintain sewer system integrity.

Notice of Intent Date: 10/27/2009 (785669)
 Disclosure Date: 08/02/2010
 Viol. Classification: Major
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 Rqmt Prov: PERMIT NSR permit no. 3179 MAERT
 Description: Failure to monitor tank's internal floating roof which resulted in abnormal venting via breather vents and caused
 the unauthorized emission of 15lb of acetone. No RQ was exceeded.

Notice of Intent Date: 11/12/2009 (785386)
 Disclosure Date: 07/12/2010
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 Description: Failure to perform LDAR directed maintenance on leaking components in refining units. Failing to meet 28 MID
 program requirements.

Notice of Intent Date: 01/12/2010 (789407)

No DOV Associated

Notice of Intent Date: 10/20/2010 (873036)

No DOV Associated

Notice of Intent Date: 11/18/2010 (884821)

Disclosure Date: 07/21/2011

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107

Description: Failed to report all required information or negative declaration of Subpart J Specific Reporting Requirements when the negative applicability statement is not marked in the cover letter of the report.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(c)

Description: Failed to report the magnitude of each period of excess emissions.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(e)(3)

Description: Failed to explicitly report the cause and corrective actions taken when monitoring systems were inoperable.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7

Description: Failed to submit a Fig. 1 summary report for all pollutant and diluents analyzers.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(h)

Description: Performed incorrect application of data reduction and downtime calculations during the out of control periods.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.105(a)(12)(ii)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107

40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107(c)

Description: Failed to include quarterly DARs in the semi-annual reports.

Notice of Intent Date: 01/26/2011 (899545)

No DOV Associated

Notice of Intent Date: 08/26/2011 (956682)

Disclosure Date: 10/27/2011

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.115b(b)(2)

Description: Failed to submit raw seal gap measurements from the external floating roof tanks to the agency within 60 days of taking the measurements; also the measurement data for the tanks that did not pass inspection were not submitted with the periodic compliance reports.

Viol. Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter F 290.122(a)(3)(A)

Description: Failed to conduct annual backflow preventer testing, and failed to provide notification to the users of the non-community water system of the missed backflow preventer tests within 45 days of discovery of the missed testing.

Viol. Classification: Minor

Citation: 40 CFR Chapter 264, SubChapter I, PT 264, SubPT K 264.254(b)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.303(b)(3)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.310(b)

Description: Failed to include a check of the Cell 2 primary leachate systems inspections in the Site 104 inspection records; failed to include 5 weeks of 2010 inspections of the Waste Pile (8/9, 10/25, 11/1, 11/8, and 12/20) in the records; and failed to include the April 2011 record for the closed site inspection as the record was not available.

Notice of Intent Date: 09/29/2011 (976141)

No DOV Associated

Notice of Intent Date: 06/11/2012 (1014412)

Disclosure Date: 09/26/2012

Viol. Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: PERMIT SC 1

Description: Failed to control emissions of benzene from the Catalytic Reformer #3 vent (V54) occurred to atmosphere

in an amount greater than the MAERT limits in NSR Permit 21262 on nine separate periods since 2009. Details are listed here: 1/17/2009 1400-1659 hrs -46.6 lbs; 5/21/2009, 0600-1259 hrs --24.1 lbs; 7/3/2009 0600-1259, hrs - 129.2 lbs; 9/22/2009 1500-1659 hrs -- 17.1 lbs; 9/25/2009 0800-1159 hrs- 34.6 lbs; 7/11/2010 2000 hrs- /12/2010, 0959 hrs-140.3lbs;1/9/2011 1000-1359 hrs -- 91.2lbs; 11/23/2

Viol. Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201

Description: Failed to submit initial notification of reportable emission events within the required time period.

Notice of Intent Date: 09/12/2012 (1043261)
No DOV Associated

Notice of Intent Date: 09/19/2012 (1035458)
No DOV Associated

Notice of Intent Date: 04/25/2013 (1089202)
No DOV Associated

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A



Compliance History Report

PUBLISHED Compliance History Report for CN601405145, RN100211879, Rating Year 2012 which includes Compliance History (CH) components from September 1, 2007, through August 31, 2012.

Customer, Respondent, or Owner/Operator: CN601405145, Shell Chemical LP

Classification: SATISFACTORY

Rating: 20.66

Regulated Entity: RN100211879, SHELL OIL DEER PARK

Classification: SATISFACTORY

Rating: 29.48

Complexity Points: 90

Repeat Violator: NO

CH Group: 02 - Oil and Petroleum Refineries

Location: 5900 HIGHWAY 225 DEER PARK, TX 77536-2434, HARRIS COUNTY

TCEQ Region: REGION 12 - HOUSTON

ID Number(s):

AIR OPERATING PERMITS ACCOUNT NUMBER HG0659W
AIR OPERATING PERMITS PERMIT 1668
AIR OPERATING PERMITS PERMIT 1945
AIR OPERATING PERMITS PERMIT 1947
AIR OPERATING PERMITS PERMIT 2108
POLLUTION PREVENTION PLANNING ID NUMBER P00619

AIR OPERATING PERMITS PERMIT 1669
AIR OPERATING PERMITS PERMIT 1943
AIR OPERATING PERMITS PERMIT 1946
AIR OPERATING PERMITS PERMIT 1948
AIR OPERATING PERMITS PERMIT 1942
POLLUTION PREVENTION PLANNING ID NUMBER P07403

WASTEWATER PERMIT WQ0000402000
WASTEWATER PERMIT WQ0000403000
WASTEWATER EPA ID TX0004871
AIR NEW SOURCE PERMITS REGISTRATION 54895
AIR NEW SOURCE PERMITS REGISTRATION 75524
AIR NEW SOURCE PERMITS REGISTRATION 76315
AIR NEW SOURCE PERMITS REGISTRATION 11177
AIR NEW SOURCE PERMITS REGISTRATION 12537
AIR NEW SOURCE PERMITS REGISTRATION 13713
AIR NEW SOURCE PERMITS PERMIT 1119
AIR NEW SOURCE PERMITS PERMIT 3178
AIR NEW SOURCE PERMITS PERMIT 3216
AIR NEW SOURCE PERMITS PERMIT 6791
AIR NEW SOURCE PERMITS REGISTRATION 10888
AIR NEW SOURCE PERMITS REGISTRATION 11586
AIR NEW SOURCE PERMITS REGISTRATION 12829
AIR NEW SOURCE PERMITS REGISTRATION 15961
AIR NEW SOURCE PERMITS REGISTRATION 15262
AIR NEW SOURCE PERMITS REGISTRATION 15499
AIR NEW SOURCE PERMITS PERMIT 18576
AIR NEW SOURCE PERMITS PERMIT 22038
AIR NEW SOURCE PERMITS REGISTRATION 24096
AIR NEW SOURCE PERMITS REGISTRATION 29597
AIR NEW SOURCE PERMITS REGISTRATION 33524
AIR NEW SOURCE PERMITS REGISTRATION 34358
AIR NEW SOURCE PERMITS REGISTRATION 35608
AIR NEW SOURCE PERMITS ACCOUNT NUMBER HG0659W
AIR NEW SOURCE PERMITS PERMIT 1920
AIR NEW SOURCE PERMITS PERMIT 2597
AIR NEW SOURCE PERMITS PERMIT 3214
AIR NEW SOURCE PERMITS PERMIT 3217
AIR NEW SOURCE PERMITS PERMIT 3219
AIR NEW SOURCE PERMITS PERMIT 4256
AIR NEW SOURCE PERMITS REGISTRATION 41920

WASTEWATER EPA ID TX0004863
WASTEWATER EPA ID TX0004871
AIR NEW SOURCE PERMITS PERMIT 21262
AIR NEW SOURCE PERMITS REGISTRATION 55312
AIR NEW SOURCE PERMITS REGISTRATION 55869
AIR NEW SOURCE PERMITS PERMIT 7855
AIR NEW SOURCE PERMITS REGISTRATION 12152
AIR NEW SOURCE PERMITS REGISTRATION 13373
AIR NEW SOURCE PERMITS REGISTRATION 16429
AIR NEW SOURCE PERMITS PERMIT 1120
AIR NEW SOURCE PERMITS PERMIT 3179
AIR NEW SOURCE PERMITS PERMIT 5801
AIR NEW SOURCE PERMITS PERMIT 9334
AIR NEW SOURCE PERMITS REGISTRATION 11096
AIR NEW SOURCE PERMITS REGISTRATION 12373
AIR NEW SOURCE PERMITS REGISTRATION 13678
AIR NEW SOURCE PERMITS PERMIT 8236
AIR NEW SOURCE PERMITS REGISTRATION 15365
AIR NEW SOURCE PERMITS REGISTRATION 15940
AIR NEW SOURCE PERMITS PERMIT 19849
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX815
AIR NEW SOURCE PERMITS REGISTRATION 27598
AIR NEW SOURCE PERMITS REGISTRATION 32282
AIR NEW SOURCE PERMITS REGISTRATION 34230
AIR NEW SOURCE PERMITS REGISTRATION 35243
AIR NEW SOURCE PERMITS PERMIT 37206
AIR NEW SOURCE PERMITS AFS NUM 4820100039
AIR NEW SOURCE PERMITS PERMIT 1968
AIR NEW SOURCE PERMITS PERMIT 3173
AIR NEW SOURCE PERMITS PERMIT 3215
AIR NEW SOURCE PERMITS PERMIT 3218
AIR NEW SOURCE PERMITS PERMIT 3985A
AIR NEW SOURCE PERMITS PERMIT 4933
AIR NEW SOURCE PERMITS REGISTRATION 41875

AIR NEW SOURCE PERMITS REGISTRATION 42221
AIR NEW SOURCE PERMITS REGISTRATION 42512
AIR NEW SOURCE PERMITS REGISTRATION 42118
AIR NEW SOURCE PERMITS REGISTRATION 45944
AIR NEW SOURCE PERMITS PERMIT 48912
AIR NEW SOURCE PERMITS PERMIT 56496
AIR NEW SOURCE PERMITS REGISTRATION 71223
AIR NEW SOURCE PERMITS REGISTRATION 54061
AIR NEW SOURCE PERMITS REGISTRATION 52565
AIR NEW SOURCE PERMITS REGISTRATION 52088
AIR NEW SOURCE PERMITS REGISTRATION 50423
AIR NEW SOURCE PERMITS REGISTRATION 75045
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX928
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX974
AIR NEW SOURCE PERMITS REGISTRATION 76699
AIR NEW SOURCE PERMITS REGISTRATION 76265
AIR NEW SOURCE PERMITS REGISTRATION 79604
AIR NEW SOURCE PERMITS REGISTRATION 80503
AIR NEW SOURCE PERMITS REGISTRATION 84642
AIR NEW SOURCE PERMITS REGISTRATION 84538
AIR NEW SOURCE PERMITS REGISTRATION 87183
AIR NEW SOURCE PERMITS REGISTRATION 92675
AIR NEW SOURCE PERMITS REGISTRATION 92219
AIR NEW SOURCE PERMITS REGISTRATION 94547
AIR NEW SOURCE PERMITS REGISTRATION 96066
AIR NEW SOURCE PERMITS REGISTRATION 102096
AIR NEW SOURCE PERMITS REGISTRATION 98473
AIR NEW SOURCE PERMITS REGISTRATION 96915
AIR NEW SOURCE PERMITS REGISTRATION 102948
AIR NEW SOURCE PERMITS REGISTRATION 105057
AIR NEW SOURCE PERMITS REGISTRATION 105056
AIR NEW SOURCE PERMITS REGISTRATION 109247
AIR NEW SOURCE PERMITS REGISTRATION 112344
AIR NEW SOURCE PERMITS REGISTRATION 106379
AIR NEW SOURCE PERMITS REGISTRATION 105058
AIR NEW SOURCE PERMITS REGISTRATION 105772

INDUSTRIAL AND HAZARDOUS WASTE PERMIT 50099

INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE
REGISTRATION # (SWR) 30007

PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 6001443

IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION #
(SWR) 30007

AIR EMISSIONS INVENTORY ACCOUNT NUMBER HG0659W

AIR NEW SOURCE PERMITS REGISTRATION 42573
AIR NEW SOURCE PERMITS REGISTRATION 43605
AIR NEW SOURCE PERMITS REGISTRATION 45654
AIR NEW SOURCE PERMITS REGISTRATION 47575
AIR NEW SOURCE PERMITS PERMIT 56476
AIR NEW SOURCE PERMITS REGISTRATION 70903
AIR NEW SOURCE PERMITS REGISTRATION 71567
AIR NEW SOURCE PERMITS REGISTRATION 50548
AIR NEW SOURCE PERMITS REGISTRATION 52089
AIR NEW SOURCE PERMITS REGISTRATION 50388
AIR NEW SOURCE PERMITS REGISTRATION 74572
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX896
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX928M1
AIR NEW SOURCE PERMITS REGISTRATION 77284
AIR NEW SOURCE PERMITS REGISTRATION 77952
AIR NEW SOURCE PERMITS REGISTRATION 78624
AIR NEW SOURCE PERMITS REGISTRATION 80525
AIR NEW SOURCE PERMITS REGISTRATION 81971
AIR NEW SOURCE PERMITS REGISTRATION 87871
AIR NEW SOURCE PERMITS REGISTRATION 85596
AIR NEW SOURCE PERMITS REGISTRATION 87173
AIR NEW SOURCE PERMITS REGISTRATION 92386
AIR NEW SOURCE PERMITS REGISTRATION 93992
AIR NEW SOURCE PERMITS REGISTRATION 95595
AIR NEW SOURCE PERMITS REGISTRATION 98644
AIR NEW SOURCE PERMITS REGISTRATION 100328
AIR NEW SOURCE PERMITS REGISTRATION 100945
AIR NEW SOURCE PERMITS REGISTRATION 101891
AIR NEW SOURCE PERMITS REGISTRATION 105051
AIR NEW SOURCE PERMITS REGISTRATION 112737
AIR NEW SOURCE PERMITS REGISTRATION 105060
AIR NEW SOURCE PERMITS REGISTRATION 105055
AIR NEW SOURCE PERMITS REGISTRATION 112313
AIR NEW SOURCE PERMITS REGISTRATION 108593
AIR NEW SOURCE PERMITS REGISTRATION 105059
PETROLEUM STORAGE TANK STAGE II REGISTRATION 32780

INDUSTRIAL AND HAZARDOUS WASTE EPA ID
TXD067285973

INDUSTRIAL AND HAZARDOUS WASTE EPA ID
TXD000750620

PUBLIC WATER SYSTEM/SUPPLY REGISTRATION 1010320

PETROLEUM STORAGE TANK REGISTRATION REGISTRATION
32780

Compliance History Period: September 01, 2007 to August 31, 2012 **Rating Year:** 2012 **Rating Date:** 09/01/2012

Date Compliance History Report Prepared: August 21, 2013

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: August 21, 2008 to August 21, 2013

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Rebecca Johnson

Phone: (361) 825-3423

Site and Owner/Operator History:

- 1) Has the site been in existence and/or operation for the full five year compliance period? YES
- 2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO
- 3) If YES for #2, who is the current owner/operator? N/A

Published Compliance History Report for CN601405145, RN100211879, Rating Year 2012 which includes Compliance History (CH) components from August 21, 2008, through August 21, 2013.

4) If **YES** for #2, who was/were the prior owner(s)/operator(s)? N/A

5) If **YES**, when did the change(s) in owner or operator occur? N/A

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

1 Effective Date: 09/22/2008 ADMINORDER 2007-1789-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Shell failed to prevent an avoidable emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to keep a flame present at a flare at all times.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 21262, Special Condition #1 PERMIT

Description: Failure to prevent unauthorized emissions.

2 Effective Date: 09/22/2008 ADMINORDER 2007-1472-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: No.1968, Special Condition #1, MAERT PERMIT

Description: Shell failed to prevent an avoidable emissions event that resulted in the release of a large quantity of VOCs.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.3214, Special Condition #1 PERMIT

Description: failed to comply with permitted emissions limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(F)
30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failure to list the compound descriptive type for the emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3219, Gen Condition 8 PERMIT

Description: failed to comply with permitted emissions limits

3 Effective Date: 11/06/2008 ADMINORDER 2007-1218-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.3173, Special Condition #1 PERMIT

Description: Failure to install the metallurgically correct cap to a pump causing a leak to develop on a pump.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: No. 9334, Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

5C THC Chapter 382, SubChapter D 382.085(b)

Description: Failed to notify the TCEQ Region Office of an emission event within 24 hours.

- 4 Effective Date: 11/17/2008 ADMINORDER 2008-0283-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: NSR Permit 3219 and PST-TX-974, MAERT PERMIT
Description: Failed to prevent unauthorized emissions.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition #1 PERMIT
Description: Failed to prevent unauthorized emissions. Specifically, unauthorized emissions of 7,275 lbs of sulfur dioxide, 38.50 lbs of CO, 5.33 lbs of NOx, 77.30 lbs of H2S, 304.3 lbs of volatile organic compounds, and 0.70 lbs of particulate matter were released through the East Property Flare in the Catalytic Cracker Feed Hydrotreater Unit during an emissions event (Incident No. 99227) that occurred on October 24, 2007 and lasted one hour and 50 minutes.
- 5 Effective Date: 12/04/2008 ADMINORDER 2008-0635-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: NSR 3173, SC 1 PERMIT
O-01948, SC 13(A) OP
Description: Failed to maintain the VOC MAER of 0.52 lbs per hour at Vent V118 for six hours from April 2, 2007 to August 30, 2007.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions from the East Property Flare on December 16, 2007.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)
Description: Failed to provide information within 14 days of the Additional Information Request dated February 11, 2008.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: No. 21262, Special Condition #1 PERMIT
Description: Failed to prevent unauthorized emissions from the Coker Flare on February 4, 2008.

- 6 Effective Date: 12/04/2008 ADMINORDER 2006-0328-MLM-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT
 TCEQ Flex Air Permit 21262/PSDTX928, SC1 PERMIT
 Description: Shell failed to prevent the unauthorized release of air contaminants into the atmosphere.
 Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to comply with emissions event reporting requirements.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: TCEQ Flexible Air Permit #21262, SC1 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: Permit No. 3219/PSD-TX-974, G.C. 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 3179, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
 30 TAC Chapter 101, SubChapter A 101.20(2)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(2)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to properly seal open-ended lines.
 Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
 5C THSC Chapter 382 382.085(b)
 Description: Shell failed to monitor new valves which were put into service at the OP-3 unit on a monthly basis.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 21262, Special Condition 1 PERMIT
 Permit No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
 5C THC Chapter 382, SubChapter D 382.085(b)
 Rqmt Prov: Permit No. 3219, General Condition 8 PERMIT
 Description: Shell failed to prevent unauthorized emissions.
 Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THC Chapter 382, SubChapter A 382.085(b)
 Rqmt Prov: No. 21262, SC #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)

Description: Shell failed to submit an emissions event report within two weeks after the end of the event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3219 and PSD-TX-974, GC 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit 3179, General Condition 8 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 2162/PSDTX 928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(3)(i)
40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)

Rqmt Prov: Permit 50099, Provision V.1.2.b. PERMIT

Description: Shell failed to comply with BIF operating parameters for the total ash feed rate, by not revising the data in the Distributed Control Systems for the correct level of ash being fed into the unit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THSC Chapter 382 382.085(b)

Description: Shell failed to identify the preconstruction authorization number in the final report submitted to the agency for the facility involved in the emissions event, which occurred on June 15, 2005, in the CCU.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 21262/PSD-TX-928, S.C. No. 1 PERMIT

Description: Shell failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3219/ PSD-TX-974, G.C. 8 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No. 3173, Special Condition 13 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)
5C THSC Chapter 382 382.085(b)

Description: Shell failed to submit an initial notification of an emissions event within the 24-hour period for the emissions event that occurred on June 28, 2006 at Tank T-75A.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.3178, Special Condition No.1 PERMIT

Description: Shell failed to comply with the permitted emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: Permit No.21262, Special Condition No. 1 PERMIT

Description: Shell failed to prevent an unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 112, SubChapter A 112.3(b)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: TCEQ Flexible Air Permit No. 21262, SC1 PERMIT

Description: Shell failed to prevent an avoidable emissions event.

7 Effective Date: 02/08/2009 ADMINORDER 2007-0837-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: #21262, Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event that started on December 5, 2005.

Classification: Minor

Citation: 30 TAC Chapter 106, SubChapter K 106.262(a)(3)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to submit a PI-7 Form within 10 days following modification of the three storage tanks.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)(A)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #2 PERMIT

Description: Failed to comply with the 20 ppm HAP limit for Spent Air Incinerator H9200.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC#1 PERMIT

Description: Failed to comply with the 9.0 lbs/hr acetone emissions limit for Spent Air Incinerator H9200.

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.122(a)(2)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

Description: Failed to comply with the 20 ppm VOC emissions limit for Spent Air Incinerator H9200.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #21E PERMIT

Description: Failed to maintain a cap, plug, or blind flange on all open-ended lines.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.354(5)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.162(f)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #21H PERMIT

Description: Failed to maintain a leaking component tag on leaking components until the component is repaired.

Classification: Minor

Citation: 30 TAC Chapter 115, SubChapter D 115.352(2)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.163(c)(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

Description: Failed to make a first attempt to repair a leaking component within five days after discovery.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.144(1)(E)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, General Terms & Conditions OP

Description: Failed to maintain all required monitoring analysis data.

Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(1)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.114(a)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.118(a)(1)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945, ST&C #1A OP

FOP #O-01945, ST&C #21 OP

NSR Permit #3179, SC #14 PERMIT

Description: Failed to perform continuous monitoring of the flare pilot flame.

Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(C)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov: FOP #O-01945 General Terms & Conditions OP

Description: Failed to submit an annual compliance certification and deviation report within 30 days after the reporting

period.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: No.3219 and PSD-TX-974, MAERT PERMIT

Description: Failed to prevent unauthorized emissions during a December 14, 2006 emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

5C THC Chapter 382, SubChapter D 382.085(b)

Rqmt Prov: No.3219, MAERT PERMIT

PSD-TX-974 PERMIT

Description: Failed to prevent unauthorized emissions during a February 1, 2007 emissions event.

8 Effective Date: 06/15/2009 ADMINORDER 2008-1621-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent the shutdown of the compressor.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, General Terms & Conditions OP

Description: Failure to submit the annual Permit Compliance Certification within 30 days of the end of the certification period.

9 Effective Date: 08/23/2009 ADMINORDER 2008-1092-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: 21262 AND PSD-TX-928, SC No. 1 PERMIT

Description: Shell exceeded permit limits during an avoidable emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit PERMIT

Description: Failed to prevent the unauthorized emissions of: 2,540 lbs of VOC, 12 lbs of H2S, 452 lbs of NOx, 3,248 lbs of CO, and 1,216 lbs of SO2 released from the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare during an emissions event that occurred on March 7, 2008 and lasted 4 hours and 0 minutes. Since the emissions event was avoidable, Shell failed to meet the demonstration criteria for an affirmative defense in 30 Tex. Admin. Code 101.222.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent plugging of level transmitter (LT-257) tap.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent an electrical short during installation of additional alarm at SRU Unit.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failure to prevent wet gas compressor malfunction.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: MAERT PERMIT

Description: Failed to prevent the shutdown of the SRUs.

10 Effective Date: 08/31/2009 ADMINORDER 2008-1925-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC 1 PA

Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions from the North Property Flare on June 18, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Condition 8, NSRP 3219/PSDTX974 PA

Description: Failed to prevent unauthorized emissions from the OP-2 Elevated Flare, OP-3 Elevated Flare, and from the OP-3 Ground Flare on June 29, 2008

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC No. 1 PERMIT

Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions from the North Property Flare on July 17, 2008.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)

Description: Failed to timely provide information requested by the TCEQ Houston Regional Office regarding the July 17, 2008 emissions event.

11 Effective Date: 10/31/2009 ADMINORDER 2009-0465-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, an emissions event occurred from November 13 through 15, 2008, due to accumulation of rain resulting from clogged drain lines on a floating tank roof (Emission Point No. TOL905), that lasted for 38 hours and 44 minutes, resulting in the release of 10,169.40 pounds of volatile organic compounds.

12 Effective Date: 03/20/2010 ADMINORDER 2009-0806-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 1,514.6 pounds ("lbs") of volatile organic compounds ("VOC") [including 3.6 lbs of the Highly Reactive VOC ("HRVOC") ethylene and 884.2 lbs of the HRVOC propylene], 152.3 lbs of hydrogen sulfide, 82.7 lbs of nitrogen dioxide, 597.3 lbs of carbon monoxide, 16.8 lbs of particulate matter and 14,329.3 lbs of sulfur dioxide from the Distilling Hydrotreater ("DHT") Unit and the Catalytic

Cracking Unit during an avoidable

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 7,520.79 lbs of VOC, 16.28 lbs of H₂S, 147.84 lbs of benzene, 426.70 lbs of SO₂, 51.50 lbs of nitrogen oxide, 372.10 lbs of CO, 8.60 lbs of PM, 103.89 lbs of ethane, 292.53 lbs of methane, 12.75 lbs of nitrogen and 2.15 lbs of hydrogen from Distillation Unit 2 during an avoidable emissions event (Incident No. 119042) that began January 18, 2009 and lasted eight hours and four minutes. The event was caused the malfunction

13 Effective Date: 06/18/2010 ADMINORDER 2009-1789-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Shell failed to prevent unauthorized emissions. Shell Aromatics Concentration Unit operators caused unauthorized emissions when they landed the internal floating roof of tank, D-381. The operator failed to monitor the tank pump-out rates, and the tank level indication alarms. (Incident No. 125893). This resulted in the routing of emissions to the atmosphere.

14 Effective Date: 06/26/2010 ADMINORDER 2009-2090-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition #1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 125,980 pounds ("lbs") of volatile organic compounds, 262 lbs of benzene and 34 lbs of hydrogen sulfide from Distillation Unit 2 during an avoidable emissions event that began May 19, 2009 and lasted 20 minutes. The emissions event was the result of operators utilizing the No. 3 Crude Line even though water had accumulated in the line. The water flashed into steam which increased column pressure, resulting in the release

15 Effective Date: 07/11/2010 ADMINORDER 2009-1984-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(c)(1)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 12,972 lbs of VOC, 5,816 lbs of CO and 1,062 lbs of NO_x from flaring at the Olefins Flare System in the Olefins 3 Unit during an avoidable emissions event (Incident No. 126985) that began July 19, 2009 and lasted nine hours and 58 minutes. The event was the result of an operator not following the established procedure for bypassing the Instrument Protection Function transmitters. As a result, the LI-5026Z transmitter

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 37.08 pounds of benzene from the Aromatics Concentration Unit during an avoidable emissions event (Incident No. 127526) that was discovered July 28, 2009 and lasted two hours. An internal floating roof of a storage tank was lowered to the point where the vacuum breaker opened releasing emissions to the atmosphere. The tank level alarm was improperly set, so there was no indication that the vacuum breaker had

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)

30 TAC Chapter 101, SubChapter F 101.201(c)

5C THSC Chapter 382 382.085(b)

Description: Failed to submit the initial notification for Incident No. 127526 within 24 hours after the discovery of the event and failed to submit the final report within 14 days after the end of the event. Specifically, the initial notification was due July 29, 2009 but was not submitted until July 31, 2009, and the final report was due August 11, 2009 but was not submitted until August 12, 2009.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PA

Special Condition 13 OP

Description: Failed to comply with hourly VOC emission rates. Specifically, the Respondent exceeded the 0.98 lb/hour VOC limit for the C39 Scrubber Column Vent on 221 occasions and released an aggregate amount of 57.18 lbs of unauthorized VOC emissions over a total of 119 hours, from July 29 through September 11, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Permit No. 3179, Spec. Cond. No. 6 OP

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 241.40 lbs of VOC, 121.70 lbs of CO and 25.20 lbs of NOx from the HIPA flare in the LPG Unit during an avoidable emissions event (Incident No. 127809) that began July 3, 2009 and lasted five hours. The event was not discovered until August 5, 2009, during the internal monthly compliance review. The event was due to a faulty relief valve prematurely opening, allowing emissions to enter the flare. Since this emissions

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition No. 6 PERMIT

Description: Failed to prevent unauthorized emissions. Specifically, the Respondent released 278.40 lbs of volatile organic compounds ("VOC"), 240.10 lbs of carbon monoxide ("CO") and 39 lbs of nitrogen oxide ("NOx") from the Houston Isopropyl Alcohol ("HIPA") flare in the LPG ("Liquified Petroleum Gas") Unit during an avoidable emissions event (Incident No. 127810) that began July 15, 2009 and lasted five hours. The event was not discovered until August 5, 2009, during the internal monthly compliance review

16 Effective Date: 10/25/2010 ADMINORDER 2009-1300-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition No. 1 PERMIT

Description: Failed to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 15 OP
FOP O-02108 STC 1A OP
NSR 18576 SC 4A PERMIT
NSR 1968 SC 2 PERMIT
NSR 19849 SC 2A PERMIT
NSR 3173 SC 4 PERMIT
NSR 3179 SC 14 PERMIT

Description: Failed to maintain minimum heating value at the HIPA and A&S Flares.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 15 OP
FOP O-02108 STC 1A OP
NSR 18576 SC 4A PERMIT
NSR 19849 SC 26 PERMIT

Description: Failed to meet the net heating value and exit velocity at the A&S Flare.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-02108 STC 1A OP
FOP STC O-02108 15 OP
NSR 18576 SC 4B PERMIT

NSR 1968 SC 2 PERMIT
NSR 19849 SC 2B PERMIT

Description: Failed to maintain records of the pilot monitoring data at the A&S Flare from April 21, 2008 through December 31, 2008.

- 17 Effective Date: 02/05/2011 ADMINORDER 2010-0609-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition No. 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 133506. Since this emissions event could have been avoided through better maintenance practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 134189. Since this emissions event could have been avoided through better operational practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition No. 1 PERMIT
Description: Failed to prevent unauthorized emissions during Incident No. 134301. Since this emissions event could have been avoided through better operational practices, the demonstration criteria in 30 TEX. ADMIN. CODE § 101.222 for an affirmative defense were not met.
- 18 Effective Date: 04/18/2011 ADMINORDER 2010-1331-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions. Since this emissions event could have been avoided by better operational practices and was reported late, the demonstrations in 30 TEX. ADMIN. CODE § 101.222 necessary to present affirmative defense were not met.
Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 101, SubChapter F 101.201(c)
5C THSC Chapter 382 382.085(b)
Description: Failed to submit the initial notification for Incident No. 136726 within 24 hours after the discovery of the event and failed to submit the final report within 14 days after the end of the event.
- 19 Effective Date: 05/08/2011 ADMINORDER 2010-1439-IHW-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 335, SubChapter F 335.173(a)(3)
40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.301(a)(2)
Rqmt Prov: V.G.4.g. OP
Description: Failed to ensure that the leachate depth in the leachate collection/leak detection system does not exceed 12 inches above the liner. Specifically, based on review of the Leachate Log, a TCEQ investigator noted leachate levels above the maximum permitted level of 12 inches on 14 occasions in Cell 2 of the Site 104 Landfill located at the Plant.
- 20 Effective Date: 06/20/2011 ADMINORDER 2010-1351-MLM-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(E)(iii)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: PSD-TX-928 PERMIT
Description: Failing to provide first repair attempt records for three leaking pumps. Specifically, Tag Nos. 115830, 26001 and 40477 were detected to be leaking on April 11, 2007, April 10, 2007, and May 10, 2007. During an enforcement review meeting on December 17, 2009, leaking component records were requested; however, Respondent did not provide

accurate records to demonstrate compliance for these pumps until October 20, 2010.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 115, SubChapter D 115.352(2)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(d)(1)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT I 61.112(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
40 CFR Part 61, Subpart V 61.242-7(d)(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 1(A) OP
FOP O-01669, SC 24 OP
NSR 21262, SC 2 PERMIT
NSR 21262, SC 3(A) PERMIT
NSR 21262, SC 3(B) PERMIT
NSR 21262, SC 4(D) PERMIT
NSR 21262, SC 9(I) PERMIT
SC 2, 3(A), 3(B), 4(D), 9(I) PERMIT

Description: Failing to repair or place the valve on delay of repair by the 15th day after the detection of a leak. Specifically, Tag. No. 41855 was detected leaking on February 13, 2007, and was not repaired until March 20, 2007.

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, General Terms & Conditions OP

Description: Failing to report all instances of deviations. Specifically, a total of 7 deviations were missing from reports for the following time periods: November 22, 2006 through May 21, 2007, May 22, 2007 through November 21, 2007, November 22, 2007 through December 31, 2007, January 1, 2008 through June 30, 2008, and July 1, 2008 through December 31, 2008;

Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter E 115.421(a)(9)(A)(ii)
5C THSC Chapter 382 382.085(b)

Description: Failing to prevent the exceedance of 3.5 pounds per gallon ("lbs/gal") volatile organic compounds (VOC) on a daily basis. Specifically, EPN PAINTFE exceeded this limit on 98 occasions, with amounts ranging from 3.51 lbs/gal to 6.98 lbs/gal from January 2, 2008 through July 31, 2008.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(2)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 1(A) OP
FOP O-01669, SC 24(A) OP
NSR 21262, SC 2 PERMIT
NSR 21262, SC 24 PERMIT
NSR 21262, SC 4 PERMIT
SC 2, 4, 24 PERMIT

Description: Failing to maintain a minimum of 300 British thermal units per standard cubic foot ("Btu/scf") for EPN COKEFLARE. Specifically, EPN COKEFLARE fell below the required heating value for a total of three hours on three separate days in January, May, and July, 2008, with heating values ranging from 238 Btu/scf to 231 Btu/scf.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(F)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP O-01669, SC 24(A) OP

General Condition 8 PERMIT

NSR 46535, SC 1 PERMIT

Description: Failing to maintain compliance with the MAERT for sulfur dioxide (SO₂) for the Cracked Gas Hydrotreater Furnace ("EPN H36100"). Specifically, EPN H36100 emitted 7.3067 tons in 2007, and the allowed limit is 4.48 tons per year.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(2)(i)(E)

Rqmt Prov: Permit Provision (PP) V.I.3.b.(1) PERMIT

Description: Failing to maintain the minimum combustion temperature at the BIF of 1800 degrees Fahrenheit. Specifically, on March 26, 2009 and May 20, 2009, a total of three excursions occurred and the temperature fell to 1744.14, 1770.38, and 1721.2 degrees Fahrenheit, respectively.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(7)(ii)

Rqmt Prov: PP V.I.7.d. PERMIT

Description: Failing to test or document the rationale that the BIF was being tested at least every 30 days. Specifically, more than a 30 day gap was noted from September 10, 2008 through October 14, 2008, and from December 10, 2008 until January 29, 2009

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter F 335.152(a)(1)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT C 264.15(d)

Rqmt Prov: PP V.I.7.e. PERMIT

Description: Failing to record observations in an inspection log or summary at the BIF area. Specifically, a phenol heavy waste stream had leaked around the pump in a secondary containment, the boiler water was leaking and being collected into a fracture tank, and the operator did not make any notations about these problems on the daily BIF inspection log.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC No. 1 PERMIT

Special Condition #1 PERMIT

Description: Failing to prevent the unauthorized release of air contaminants into the atmosphere when the V-5102 Crude Column was overpressured when the wash water entered the feed crude train at the DU2. Specifically, on May 17, 2009, during this two-minute emission event (Incident No. 124343) the following emissions were released: 7.587 tons of VOCs, 4 lbs. of hydrogen sulfide (H₂S), and 32 lbs of benzene. The TCEQ determined these emissions could have been avoided by better operational practices.

Classification: Moderate

Citation: 30 TAC Chapter 335, SubChapter H 335.221(a)(6)

40 CFR Chapter 266, SubChapter I, PT 266, SubPT H 266.102(e)(2)(i)(E)

Rqmt Prov: V.I.3.b.1 OP

Description: Failing to maintain the minimum combustion temperature of 1800 degrees Fahrenheit while hazardous waste is being fed to the BIF unit. Specifically, Respondent fed hazardous waste to the BIF unit below the minimum combustion temperature on June 24, 2009, August 28, 2009, September 10, 2009, and September 19, 2009.

21 Effective Date: 06/20/2011 ADMINORDER 2010-1889-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions.

22 Effective Date: 06/20/2011 ADMINORDER 2010-1538-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event that occurred on May 7, 2010.

23 Effective Date: 07/31/2011 ADMINORDER 2010-2072-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: The Respondent is alleged to have failed to prevent unauthorized emissions from the OP2 Elevated Flare, the OP3 Elevated Flare, and the OP3 Ground Flare during Incident No. 143946.

- 24 Effective Date: 10/17/2011 ADMINORDER 2011-0475-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 PERMIT
Description: Failed to prevent unauthorized emissions.
- 25 Effective Date: 02/18/2012 ADMINORDER 2011-0860-AIR-E (Findings Order-Agreed Order Without Denial)
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
Rqmt Prov: General Terms and Conditions OP
Description: Failure to timely submit a PCC Report certifying the first semi-annual reporting period January 1, 2010 through June 30, 2010. (Category A8(c)(1)(E))
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: General Terms and Conditions 01/24/2005 OP
Description: Failed to submit a PCC under Title V Permit O-01948 within the required 30-day timeframe for the certification period of January 1, 2010 through December 31, 2010
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: General Terms and Conditions OP
Description: Failed to submit a PCC under Title V Permit O-01668 within the required 30-day timeframe for the certification period of January 1, 2010 through June 30, 2010
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Condition 1 OP
Description: Failure to submit permit compliance certification for the period January 1, 2010 through June 30, 2010. Violation Category A8(c)(1)(E). This is a high priority violation (HPV).
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Special Conditions 1 OP
Description: Failed to report as deviation for not submitting a PCC for the period January 1, 2010 through June 30, 2010. Category C3 violation.
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: Permit No. 1943 ORDER
Description: Failure to submit a timely PCC report certifying the first semi-annual reporting period January 1, 2010 through June 30, 2010 [Category A8; Attachment A c.(1)(E)]
Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(2)
5C THSC Chapter 382 382.085(b)
Rqmt Prov: General Terms & Conditions OP
Description: Failure to submit a PCC under Title V Permit O-01669 within the required 30-day timeframe for the certification period of January 1, 2010 through December 31, 2010

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to report two emissions events and four startups/shutdowns as deviations in the deviation report dated July 30, 2010

This violation discovered by the investigator during the course of this investigation

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failed to submit a PCC under Title V Permit O-01945 within the required 30-day timeframe for the certification period of January 1, 2010 through June 30, 2010

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.146(1)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to submit a permit compliance certification report. Category A8(c)(1)(E)

Classification: Moderate

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
30 TAC Chapter 122, SubChapter B 122.145(2)(A)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms and Conditions OP

Description: Failure to report as deviation for not submitting a PCC for the first semi-annual reporting period January 1, 2010 through June 30, 2010. Category C3 violation.

26 Effective Date: 05/25/2012 ADMINORDER 2011-1311-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: SC 1 PERMIT

ST&C 2.I PERMIT

Description: Failure to prevent unauthorized emissions. Shell failed to prevent a leak on the overhead of the DU2 Unit Crude Column V-5102.

27 Effective Date: 08/17/2012 ADMINORDER 2011-2121-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP 01668, STC 15 OP

NSR Permit 3219, SC 1 PERMIT

Description: Failed to prevent unauthorized emissions on June 7, 2011 in Olefins Plant 3. Because the event could have been avoided by better operating practices and was not reported properly, Shell Chemical LP did not meet the criteria for claiming an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
5C THSC Chapter 382 382.085(b)

Description: Failed to include all the total quantities of contaminants released in the final report the emissions event that occurred on June 7, 2011 in Olefins Plant 3.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP 01669, STC 22 OP

NSR Permit 21262, SC 1 PERMIT

Description: Failed to prevent unauthorized emissions during an emissions event in the Coker Unit that began on June 12, 2011. Because the event could have been avoided by better operating practices, Shell Oil Company did not meet the criteria for claiming an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(f)
5C THSC Chapter 382 382.085(b)

Description: Failed to provide timely submittal of additional information to the TCEQ by August 1, 2011 for the emissions event that began on June 12, 2011 in the Coker Unit.

28 Effective Date: 03/21/2013 ADMINORDER 2012-1385-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 1 PERMIT

Description: Failed to prevent unauthorized emissions during Incident No. 165218. Specifically, 35.60 pounds ("lbs") of 1,3 butadiene, 440.56 lbs of cis-2-butene, 637.99 lbs of trans-2-butene, 511.19 lbs of n-butane, 1,392.48 lbs of butene 1_isobutene, 892.50 lbs of butanes and isobutanes, 20 lbs of propane, 339.60 lbs of other volatile organic compounds ("VOC"), and 4.90 lbs of propylene were released during an emissions event (Incident No. 165218) which began on February 22, 2012, and lasted for 24 mi

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	August 22, 2008	(699629)
Item 2	September 10, 2008	(702237)
Item 3	September 22, 2008	(750224)
Item 4	October 09, 2008	(703510)
Item 5	October 16, 2008	(704306)
Item 6	October 22, 2008	(750226)
Item 7	October 23, 2008	(682549)
Item 8	October 27, 2008	(706455)
Item 9	November 24, 2008	(641389)
Item 10	December 04, 2008	(565248)
Item 11	December 12, 2008	(721015)
Item 12	December 22, 2008	(750230)
Item 13	December 29, 2008	(722320)
Item 14	January 09, 2009	(723179)
Item 15	January 15, 2009	(707647)
Item 16	January 20, 2009	(708950)
Item 17	January 28, 2009	(720984)
Item 18	February 09, 2009	(709972)
Item 19	February 18, 2009	(735789)
Item 20	February 20, 2009	(723069)
Item 21	February 25, 2009	(750216)
Item 22	March 23, 2009	(750217)
Item 23	April 02, 2009	(722827)
Item 24	April 30, 2009	(744066)
Item 25	May 11, 2009	(741959)
Item 26	May 13, 2009	(742834)
Item 27	May 14, 2009	(742134)
Item 28	May 20, 2009	(768321)
Item 29	June 01, 2009	(742131)
Item 30	June 15, 2009	(768320)
Item 31	July 22, 2009	(763029)
Item 32	August 12, 2009	(764686)
Item 33	August 13, 2009	(760336)

Item 34	September 23, 2009	(766994)
Item 35	September 28, 2009	(777627)
Item 36	October 14, 2009	(779040)
Item 37	October 23, 2009	(778758)
Item 38	October 30, 2009	(765451)
Item 39	November 10, 2009	(760343)
Item 40	November 30, 2009	(780176)
Item 41	December 09, 2009	(778830)
Item 42	January 13, 2010	(787368)
Item 43	February 01, 2010	(788201)
Item 44	February 23, 2010	(787148)
Item 45	March 15, 2010	(789829)
Item 46	March 25, 2010	(794199)
Item 47	March 29, 2010	(792150)
Item 48	April 02, 2010	(794620)
Item 49	April 05, 2010	(797068)
Item 50	April 06, 2010	(783318)
Item 51	April 12, 2010	(793088)
Item 52	April 21, 2010	(798275)
Item 53	April 29, 2010	(800569)
Item 54	May 07, 2010	(797014)
Item 55	May 10, 2010	(797040)
Item 56	May 19, 2010	(801115)
Item 57	May 20, 2010	(801366)
Item 58	May 25, 2010	(824557)
Item 59	June 22, 2010	(798148)
Item 60	July 09, 2010	(826170)
Item 61	July 26, 2010	(803128)
Item 62	July 27, 2010	(824430)
Item 63	July 28, 2010	(842904)
Item 64	August 09, 2010	(800144)
Item 65	August 17, 2010	(803124)
Item 66	August 31, 2010	(803142)
Item 67	September 16, 2010	(864076)
Item 68	January 21, 2011	(878058)
Item 69	March 08, 2011	(900041)
Item 70	March 15, 2011	(859959)
Item 71	April 08, 2011	(906978)
Item 72	April 27, 2011	(901538)
Item 73	May 12, 2011	(901220)
Item 74	May 16, 2011	(901224)
Item 75	May 24, 2011	(921483)
Item 76	June 07, 2011	(912033)
Item 77	June 17, 2011	(915211)
Item 78	July 22, 2011	(937608)
Item 79	August 01, 2011	(923435)
Item 80	August 17, 2011	(948252)
Item 81	August 23, 2011	(937593)
Item 82	August 26, 2011	(937667)
Item 83	August 29, 2011	(937668)
Item 84	August 30, 2011	(937207)
Item 85	September 22, 2011	(956750)
Item 86	September 28, 2011	(937483)
Item 87	December 12, 2011	(969310)
Item 88	December 16, 2011	(970016)
Item 89	January 17, 2012	(964848)
Item 90	February 06, 2012	(976905)
Item 91	February 15, 2012	(987664)
Item 92	February 24, 2012	(987343)
Item 93	March 16, 2012	(994459)

Item 94	March 30, 2012	(976906)
Item 95	April 10, 2012	(989049)
Item 96	April 18, 2012	(987396)
Item 97	May 15, 2012	(1006516)
Item 98	June 29, 2012	(1009226)
Item 99	July 10, 2012	(1015877)
Item 100	July 30, 2012	(1013049)
Item 101	August 16, 2012	(1008493)
Item 102	September 05, 2012	(1013053)
Item 103	September 13, 2012	(1020375)
Item 104	September 18, 2012	(1031344)
Item 105	October 02, 2012	(1021281)
Item 106	January 25, 2013	(1046537)
Item 107	February 08, 2013	(1050758)
Item 108	February 27, 2013	(1059517)
Item 109	March 29, 2013	(1060207)
Item 110	April 10, 2013	(1059686)
Item 111	April 29, 2013	(1073262)
Item 112	July 31, 2013	(1098624)
Item 113	August 07, 2013	(1102332)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

- 1 Date: 08/21/2012 (1013047) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
5C THSC Chapter 382 382.085(b)
Special Condition 6 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 168746.

- 2 Date: 08/22/2012 (1008119) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST&C 1A OP
Description: Failure to limit maximum firing rate to 34 MMBtu/hr. Category B18 violation.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085
SC 8 PA
ST&C 21 OP
Description: Failure to record results of monitoring and conduct required bump test of monitoring equipment. Category C1 violation.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 9D(1) PA
ST&C 21 OP
Description: Failure to isolate equipment during decontamination. Category C1 violation.

- 3 Date: 01/18/2013 (1043318) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
5C THSC Chapter 382 382.085(b)
Special Condition 1 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 174697
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter F 101.221(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
Special Condition No. 24 PERMIT
Description: Shell failed to maintain the pollution-emissions capture and abatement equipment during Incident No. 174697.

- 4 Date: 01/29/2013 (1051395) CN601405145
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 5C THSC Chapter 382 382.085(b)
 Special Condition No. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 175907.
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
 5C THSC Chapter 382 382.085(b)
Description: Shell failed to provide the permit number governing the facilities involved in in
 emissions event.
 Incident No. 175907.
- 5 Date: 03/22/2013 (1054740) CN601405145
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(G)
 30 TAC Chapter 101, SubChapter F 101.201(b)(1)(H)
 5C THSC Chapter 382 382.085(b)
Description: Shell failed to report totally during emissions event Incident No. 177413.
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 5C THSC Chapter 382 382.085(b)
 Special Condition No. 1 PERMIT
Description: Shell failed to prevent unauthorized emissions during Incident No. 177413.
- 6 Date: 05/08/2013 (1073260) CN601405145
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 115, SubChapter H 115.782(b)(1)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Title V O1946, ST&C 1A PERMIT
Description: Failure to repair a valve in HRVOC service within the time frame required
- 7 Date: 06/03/2013 (1073258) CN601405145
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 106, SubChapter K 106.261(a)(7)(A)
 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Special Terms & Conditions 17 OP
Description: Failure to notify TCEQ using form PI-7 within ten days following a change of tank
 service from benzene to toluene. (Category C3)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Special Condition 9 PERMIT
 Special Terms & Conditions 17 OP
Description: Failure to maintain tank fill rate of D350 below permitted limits. (Category B19g1)
- 8 Date: 07/26/2013 (1073213) CN601405145
Self Report? NO Classification: Minor
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Special Condition 18 PERMIT
 Special Terms and Conditions 21 OP
Description: Failure to maintain minimum firebox temperature in the Regenerative Thermal Oxidizer
 (RTO) (EPN H87002) (Category B19g1)
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT G 63.113(a)(2)
 5C THSC Chapter 382 382.085(b)
 Special Terms & Conditions 1A OP
Description: Failure to maintain minimum hazardous air pollutant removal / destruction efficiency of
 the Catalytic Incinerator (EPN H9200) (Category B19g1).
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)

Description:	5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Terms & Conditions 21 OP	
	Failure to prevent exceedance of carbon monoxide (CO) concentration and emissions rate limits from the Phenol/Acetone Plant Boiler (EPN H87920) (Category B14)	
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 116, SubChapter B 116.116(d)(2) 30 TAC Chapter 122, SubChapter B 122.143(1) General Terms & Conditions OP	
Description:	Failure to revise NSR Permit 3179 to incorporate operational changes documented in PBR Registration No. 87871 (Category C3).	
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6) 5C THSC Chapter 382 382.085(b) Special Condition 14A PERMIT Special Terms & Conditions 21 OP	
Description:	Failure to maintain permitted flare tip velocity and net heating value on flares A-1301, A-1331 and A-1333 (Category B19g1).	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) Special Terms & Conditions 1.H(i) OP	
Description:	Failure to collect daily grab samples within ten hours of analyzer malfunction at Flare A1301 (Category C1).	
Self Report?	NO	Classification: Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1) 5C THSC Chapter 382 382.085(b) Special Condition 22.E PERMIT Special Terms & Conditions 1A OP Special Terms & Conditions 21 OP	
Description:	Failure to seal an open ended line (OEL) (Category C10).	
9	Date: 08/12/2013 (1073265)	CN601405145
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(1) 5C THSC Chapter 382 382.085(b) SC 2 PERMIT ST&C 1A and 25 PERMIT	
Description:	H2S exceedances in refinery fuel gas	
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(2)(i) 5C THSC Chapter 382 382.085(b) SC 2 PERMIT ST&C 1A & 25 PERMIT	
Description:	SO2 exceedances from the Sulfur Recovery Unit (SRU) Incinerators (EPN SR3/4 Stack & SR5 Stack)	
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.103(a) 5C THSC Chapter 382 382.085(b) SC 2 PERMIT ST & C 1A and 25 PERMIT	
Description:	CO exceedances from the Fluid Catalytic Cracking Unit (FCCU) Catalyst Regenerator (EPN H5500 Stack)	
Self Report?	NO	Classification: Moderate
Citation:	30 TAC Chapter 117, SubChapter B 117.310(c)(2) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) ST & C 1A PERMIT	
Description:	NH3 exceedances from the Catalytic Reformer SCR (EPN H53NN) and the FCCU	

	CO Boiler (H600)		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(a)(1)(C) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) ST & C 1A PERMIT		
Description:	Failure to operate the Process Heater H5200 in HRVOC service within the established operating parameter limit		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6) 5C THSC Chapter 382 382.085(b) SC 24 PERMIT ST & C 1A and 25 PERMIT		
Description:	Failure to operate the North Property Flare (FLNFLARE) and the East Property Flare (EPFLARE) with the minimum net heating value of 300 Btu/scf and/or the maximum flare tip velocity		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(5) 5C THSC Chapter 382 382.085(b) SC 24 PERMIT ST & C 1A and 25 PERMIT		
Description:	Failure to record flare's pilot flame presence for Girbitol Flare (EPN GIRBFLARE)		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) SC 19 PERMIT ST & C 25 PERMIT		
Description:	Failure to maintain the moisture content of no less than 7 percent for all coke stockpiles		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.352(4) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1) 5C THSC Chapter 382 382.085(b) SC 9E PERMIT ST & C 1A and 25 PERMIT		
Description:	Open-ended lines		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.354(5) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.486(b)(1) 5C THSC Chapter 382 382.085(b) SC 9H PERMIT ST & C 1A and 25 PERMIT		
Description:	Missing fugitive emissions leak tags		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter D 115.352(2) 30 TAC Chapter 116, SubChapter G 116.715(a) 30 TAC Chapter 122, SubChapter B 122.143(4) 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-4(b)(1) 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.165(b) 5C THSC Chapter 382 382.085(b) SC 9I PERMIT ST & C 1A and 25 PERMIT		
Description:	Late fugitive leak repair for the relief valve (RV36264)		
Self Report?	NO	Classification:	Minor
Citation:	30 TAC Chapter 115, SubChapter H 115.725(d)(4) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) ST & C 1A PERMIT		
Description:	Late HRVOC grab sampling for the Coker Flare (EPNFLARECOKE) and the East Property Flare (EPFLARE)		
Self Report?	NO	Classification:	Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(d)(2)(H)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: Tank roof vents open due to tank roof landings

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 42C(ii) PERMIT
ST & C 25 PERMIT

Description: Failure to conduct daily calibrations of monitoring instruments and failure to maintain calibration records

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 117, SubChapter B 117.340(c)(1)(B)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: Excessive downtime of NOx analyzer for the Catalytic Reformer SCR (EPN H53NN)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
ST & C 1A PERMIT

Description: CO exceedances from the Process Heaters (EPNs H1000, H5103, and H31003)

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
SC 3B PERMIT
ST & C 25 PERMIT

Description: CO exceedances from the Duct Burner 1 (EPN CDUCT1)

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Date: 08/12/2013 (1073212) CN601405145

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter B 115.112(d)(2)(F)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT WW 63.1063(d)(3)(iii)
5C THSC Chapter 382 382.085(b)
Special Terms & Conditions 1.A OP

Description: Failure to prevent a secondary tank seal gap in excess of regulatory limits. (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 117, SubChapter B 117.310(c)(1)(A)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Special Terms and Conditions (ST&C) 1A OP

Description: Failure to Limit Carbon Monoxide Emissions from EPN FP3-1110 and FP3-1120 to 400 parts per million by volume (ppmv). (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
Special Condition (SC) 1 PERMIT
Special Terms and Conditions (ST&C) 15 OP

Description: Failure to Limit Nitrogen Oxide (NOx) Emissions from EPN FOL-700 and FOL-710 to 18.37 pounds per hour (lb/hr). (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter H 115.722(d)(1)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
5C THSC Chapter 382 382.085(b)
Special Condition 8A PERMIT
Special Terms and Conditions (ST&C) 15 OP
Special Terms and Conditions (ST&C) 1A OP

Description: Failure to Maintain Flare Net Heating Value and Exit Velocity Within Permitted Limits. (Category B19g1)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 115, SubChapter H 115.783(5)

30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT H 63.167(a)(1)
 5C THSC Chapter 382 382.085(b)
 Special Condition (SC) 6E PERMIT
 Special Terms and Conditions (ST&C) 15 OP
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to Seal an Open Ended Line (OEL). (Category C10)
 Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 115, SubChapter H 115.725(d)(4)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to sample and analyze HRVOC concentration in the flare header gas when
 analyzer was down. (Category C1)
 Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 111, SubChapter A 111.111(a)(4)(A)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(1)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(4)
 5C THSC Chapter 382 382.085(b)
 Special Condition (SC) 8C PERMIT
 Special Terms and Conditions (ST&C) 1A OP
 Description: Failure to Prevent Visible Emissions from the OP3 Ground Flare (EPN OP3GRFLA).
 (Category C4)

F. Environmental audits:

Notice of Intent Date: 05/23/2008 (682189)
 Disclosure Date: 11/25/2008
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Rqmt Prov: PA TPDES 00402
 Description: Failure to comply with TPDES permit condition requirements. Specifically, 270 feet of sewer confined to six segments of the storm sewer contained defects and structural cracks that may affect the hydraulic integrity.

Notice of Intent Date: 06/17/2008 (686667)
 Disclosure Date: 11/25/2008
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Rqmt Prov: PERMIT TPDES 00402
 Description: Failure to comply with TPDES permit conditions. Specically, 160 ft of sewer confied to 4 segements contained defects and structural cracks that may affect the hydralric integrity of these segments.

Notice of Intent Date: 08/13/2008 (701440)
 Disclosure Date: 02/19/2009
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 305, SubChapter F 305.125(1)
 Description: Failure to maintain sewer system integrity.

Notice of Intent Date: 10/27/2009 (785669)
 Disclosure Date: 08/02/2010
 Viol. Classification: Major
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 Rqmt Prov: PERMIT NSR permit no. 3179 MAERT
 Description: Failure to monitor tank's internal floating roof which resulted in abnormal venting via breather vents and caused the unauthorized emission of 15lb of acetone. No RQ was exceeded.

Notice of Intent Date: 11/12/2009 (785386)
 Disclosure Date: 07/12/2010
 Viol. Classification: Moderate
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 Description: Failure to perform LDAR directed maintenance on leaking components in refining units. Failing to meet 28 MID program requirements.

Notice of Intent Date: 01/12/2010 (789407)

No DOV Associated

Notice of Intent Date: 10/20/2010 (873036)

No DOV Associated

Notice of Intent Date: 11/18/2010 (884821)

Disclosure Date: 07/21/2011

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107

Description: Failed to report all required information or negative declaration of Subpart J Specific Reporting Requirements when the negative applicability statement is not marked in the cover letter of the report.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(c)

Description: Failed to report the magnitude of each period of excess emissions.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7(e)(3)

Description: Failed to explicitly report the cause and corrective actions taken when monitoring systems were inoperable.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.7

Description: Failed to submit a Fig. 1 summary report for all pollutant and diluents analyzers.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.13(h)

Description: Performed incorrect application of data reduction and downtime calculations during the out of control periods.

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.105(a)(12)(ii)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107

40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.107(c)

Description: Failed to include quarterly DARs in the semi-annual reports.

Notice of Intent Date: 01/26/2011 (899545)

No DOV Associated

Notice of Intent Date: 08/26/2011 (956682)

Disclosure Date: 10/27/2011

Viol. Classification: Minor

Citation: 40 CFR Chapter 60, SubChapter C, PT 60, SubPT Kb 60.115b(b)(2)

Description: Failed to submit raw seal gap measurements from the external floating roof tanks to the agency within 60 days of taking the measurements; also the measurement data for the tanks that did not pass inspection were not submitted with the periodic compliance reports.

Viol. Classification: Minor

Citation: 30 TAC Chapter 290, SubChapter F 290.122(a)(3)(A)

Description: Failed to conduct annual backflow preventer testing, and failed to provide notification to the users of the non-community water system of the missed backflow preventer tests within 45 days of discovery of the missed testing.

Viol. Classification: Minor

Citation: 40 CFR Chapter 264, SubChapter I, PT 264, SubPT K 264.254(b)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.303(b)(3)

40 CFR Chapter 264, SubChapter I, PT 264, SubPT N 264.310(b)

Description: Failed to include a check of the Cell 2 primary leachate systems inspections in the Site 104 inspection records; failed to include 5 weeks of 2010 inspections of the Waste Pile (8/9, 10/25, 11/1, 11/8, and 12/20) in the records; and failed to include the April 2011 record for the closed site inspection as the record was not available.

Notice of Intent Date: 09/29/2011 (976141)

No DOV Associated

Notice of Intent Date: 06/11/2012 (1014412)

Disclosure Date: 09/26/2012

Viol. Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: PERMIT SC 1

Description: Failed to control emissions of benzene from the Catalytic Reformer #3 vent (V54) occurred to atmosphere

in an amount greater than the MAERT limits in NSR Permit 21262 on nine separate periods since 2009. Details are listed here: 1/17/2009 1400-1659 hrs -46.6 lbs; 5/21/2009, 0600-1259 hrs --24.1 lbs; 7/3/2009 0600-1259, hrs - 129.2 lbs; 9/22/2009 1500-1659 hrs -- 17.1 lbs; 9/25/2009 0800-1159 hrs- 34.6 lbs; 7/11/2010 2000 hrs- /12/2010, 0959 hrs-140.31bs;1/9/2011 1000-1359 hrs -- 91.21bs; 11/23/2

Viol. Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201

Description: Failed to submit initial notification of reportable emission events within the required time period.

Notice of Intent Date: 09/12/2012 (1043261)

No DOV Associated

Notice of Intent Date: 09/19/2012 (1035458)

No DOV Associated

Notice of Intent Date: 04/25/2013 (1089202)

No DOV Associated

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



**IN THE MATTER OF AN
ENFORCEMENT ACTION
CONCERNING
SHELL OIL COMPANY AND
SHELL CHEMICAL LP
RN100211879**

**§ BEFORE THE
§
§
§ TEXAS COMMISSION ON
§
§ ENVIRONMENTAL QUALITY**

AGREED ORDER DOCKET NO. 2013-1205-AIR-E

I. JURISDICTION AND STIPULATIONS

On _____, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding Shell Oil Company and Shell Chemical LP ("Respondents") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondents together stipulate that:

1. Shell Chemical LP owns and operates a chemical manufacturing plant and Shell Oil Company operates a petroleum refinery at 5900 Highway 225 in Deer Park, Harris County, Texas (the "Plant").
2. The Plant consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
3. The Executive Director and the Respondents agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondents are subject to the Commission's jurisdiction.
4. The Respondents received notice of the violations alleged in Section II ("Allegations") on or about June 12, 2013, July 31, 2013, and August 4, 2013.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondents of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Forty-Eight Thousand Seven Hundred Fifty Dollars (\$48,750) is assessed by the Commission in settlement of the violations alleged

in Section II ("Allegations"). The Respondents have paid Nineteen Thousand Five Hundred Dollars (\$19,500) of the administrative penalty and Nine Thousand Seven Hundred Fifty Dollars (\$9,750) is deferred contingent upon the Respondents's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondents fail to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondents to pay all or part of the deferred penalty. Nineteen Thousand Five Hundred Dollars (\$19,500) shall be conditionally offset by the Respondents' completion of a Supplemental Environmental Project ("SEP").

7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
8. The Executive Director and the Respondents agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 TEX. ADMIN. CODE § 70.10(a).
9. The Executive Director recognizes that on or before June 13, 2013, Shell Chemical LP installed additional alarms and evaluated work practices to ensure that maximum fill rates for Tank Nos. D402 and D403, and the maximum pumping rate for Tank No. F354 are not exceeded.
10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondents have not complied with one or more of the terms or conditions in this Agreed Order.
11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

II. ALLEGATIONS

The Respondents are alleged to have:

1. Failed to prevent unauthorized emissions, in violation of Federal Operating Permit ("FOP") No. O1668, Special Terms and Conditions No. 15, New Source Review Permit ("NSRP") No. 3214, Special Conditions No. 1, 30 TEX. ADMIN. CODE §§ 116.115(c) and 122.143(4), and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during a record review conducted on March 22, 2013. Specifically, Shell Chemical LP released 22,084.21 pounds ("lbs") of butane, 1,329.91 lbs of isobutane, 385.01 lbs of isopentane, 235.69 lbs of trans-2-butene, 203.69 lbs of 1-butene, 193.61 lbs of isobutene, 158.16 lbs of ethylene, 143.07 lbs of pentane, 112.24 lbs of hexane, 91.08 lbs of cis-2-butene, 12.43 lbs of propane, and 3.89 lbs of propylene from isolation valves on the FP3-1070 manifold in Olefins Plant 3 during an emissions event (Incident No. 179855) that started on February

24, 2013 and lasted 82 hours. The emissions event occurred when butane leaked into a heat exchanger through two closed isolation valves. Since the emissions event could have been avoided through better maintenance practices, Shell Chemical LP is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

2. Failed to prevent unauthorized emissions, in violation of FOP No. O1668, Special Terms and Conditions No. 15, NSRP Nos. 21262 and PSD-TX-928, 30 TEX. ADMIN. CODE §§ 101.20(3), 122.143(4), and 116.715(a), and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during a record review conducted on May 28, 2013. Specifically, Shell Oil Company released 1,246 lbs of pentane, 1,197 lbs of n-butane, 1,087 lbs of C7+ hydrocarbon, 948 lbs of isopentane, 824 lbs of n-hexane, 799 lbs of isoparaffins, 534 lbs of propane, 319 lbs of isobutene, 196 lbs of methylcyclohexane, 127 lbs of cyclohexane, 62 lbs of 1,1-cyclopentane, and 2 lbs of toluene from the North Effluent Treater Aeration Basin/Secondary Clarifiers during an emissions event (Incident No. 182735) that started on May 12, 2013 and lasted 24 hours. The emissions event occurred when a level probe was damaged during maintenance activities. Since the emissions event could have been avoided through better maintenance practices, Shell Oil Company is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.
3. Failed to comply with the maximum fill rate of 14,100 gallons per hour ("gal/hr") for Tank Nos. D402 and D403 and the maximum pumping rate of 126,000 gal/hr for Tank No. F354, in violation of FOP No. O1945, Special Terms and Conditions No. 21, NSRP No. 3179, Special Conditions No. 10, 30 TEX. ADMIN. CODE §§ 116.115(c) and 122.143(4), and TEX. HEALTH & SAFETY CODE § 382.085(b), as documented during a record review conducted on May 23, 2013. Specifically, Shell Chemical LP exceeded the maximum fill rate for Tank No. D402 on March 22, 2012, April 1, 2012, April 11, 2012, April 12, 2012, April 13, 2012, April 16, 2012, July 9, 2012, September 29, 2012, October 11, 2012, October 27, 2012, and November 23, 2012, when fill rates from 14,278 to 31,060 gal/hr were documented. The maximum fill rate for Tank No. D403 was exceeded on March 7, 2012, March 9, 2012, March 10, 2012, March 11, 2012, April 1, 2012, April 2, 2012, April 9, 2012, April 10, 2012, April 11, 2012, April 12, 2012, April 17, 2012, May 11, 2012, June 26, 2012, October 8, 2012, October 24, 2012, and December 20, 2012, when fill rates from 14,154 to 27,647 gal/hr were documented. In addition, the maximum pumping rate for Tank No. F354 was exceeded on January 6, 2012, when a pumping rate of 128,920 gal/hr was documented.

III. DENIALS

The Respondents generally deny each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondents pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondents' compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: Shell Oil Company and Shell Chemical LP, Docket No. 2013-1205-AIR-E" to:

Financial Administration Division, Revenue Operations Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

2. The Respondents are jointly and severally liable for the violations documented in this Agreed Order, and are jointly and severally liable for timely and satisfactory compliance with all terms and conditions of this Agreed Order.
3. The Respondents shall implement and complete a SEP in accordance with TEX. WATER CODE § 7.067. As set forth in Section I, Paragraph 6 above, Nineteen Thousand Five Hundred Dollars (\$19,500) of the assessed administrative penalty shall be offset with the condition that the Respondents implement the SEP defined in Attachment A, incorporated herein by reference. The Respondents' obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
4. It is further ordered that the Respondents shall undertake the following technical requirements:
 - a. Within 90 days after the effective date of this Agreed Order:
 - i. Shell Chemical LP shall perform a technical evaluation and implement the Management of Change ("MOC") process to change the operating status of the raffinate pre-heater to idle, implement the physical changes to idle the raffinate pre-heater according to the MOC requirements, and update the existing Olefin Unit's steam/condensate system source control procedure to include a structure and framework for systematically identifying and securing contamination sources to these system and other key learning, to prevent the recurrence of emissions events due to similar causes as Incident No. 179855; and
 - ii. Shell Oil Company shall perform a detailed causal investigation of Incident No. 182735 and review and update practices for inspecting and storing agar probes during shutdowns or maintenance turnarounds, to prevent the recurrence of emissions events due to similar causes as Incident No. 182375.

- b. Within 105 days after the effective date of this Agreed Order, submit written certification to demonstrate compliance with Ordering Provision No. 4.a. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section Manager
Houston Regional Office
Texas Commission on Environmental Quality
5425 Polk Avenue, Suite H
Houston, Texas 77023-1486

5. The provisions of this Agreed Order shall apply to and be binding upon the Respondents. The Respondents are ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
6. If the Respondents fail to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondents' failure to comply is not a violation of this Agreed Order. The Respondents shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondents shall notify the Executive Director within seven days after the Respondents become aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
7. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondents shall be made in writing to the Executive Director. Extensions are not effective until the Respondents receive written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

8. This Agreed Order, issued by the Commission, shall not be admissible against the Respondents in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
9. This Agreed Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Agreed Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Agreed Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms "electronic transmission", "owner", "person", "writing", and "written" shall have the meanings assigned to them under TEX. BUS. ORG. CODE § 1.002.
10. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondents, or three days after the date on which the Commission mails notice of the Order to the Respondents, whichever is earlier.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

Pam Marie J
For the Executive Director

4/14/14
Date

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity indicated below my signature, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

I also understand that failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.

Tammy Little for BJK
Signature

11/25/2013
Date

TAMMY LITTLE
Name (Printed or typed)
Authorized Representative of
Shell Oil Company

Production Manager - Refining
Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Section IV, Paragraph 1 of this Agreed Order.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission


For the Executive Director

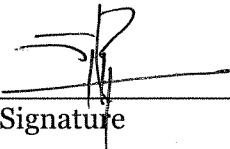
4/14/14
Date

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- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.

 for BJK
Signature

11/21/2013
Date

HUGUES BOURGOGNE
Name (Printed or typed)
Authorized Representative of
Shell Chemical LP

Chemical Production Manager
Title

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Section IV, Paragraph 1 of this Agreed Order.

Attachment A
Docket Number: 2013-1205-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondents:	Shell Oil Company and Shell Chemical LP
Penalty Amount:	Thirty-Nine Thousand Dollars (\$39,000)
SEP Offset Amount:	Nineteen Thousand Five Hundred Dollars (\$19,500)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Houston Regional Monitoring Corporation
Project Name:	<i>Houston Area Air Monitoring Project</i>
Location of SEP:	Harris County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondents to contribute to a Supplemental Environmental Project ("SEP"). The SEP Offset Amount is set forth above and such offset is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

Respondents shall contribute the SEP Offset Amount to the Third-Party Administrator: **Houston Regional Monitoring Corporation** for the *Houston Area Air Monitoring Project* SEP. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to operate a network of ambient air monitoring stations that continuously measure and record concentrations of ambient air pollutants. This network includes the HRM 617 Wallisville Road site, the HRM 615 Lynchburg Ferry site, and the HRM 3 Haden Road site. The Third-Party Administrator shall use the SEP Offset Amount to report data from these three existing sites in the Houston Regional Monitoring Corporation ambient air quality monitoring network in the Texas Houston-Galveston Air Quality Control Region No. 216. The SEP will be performed in accordance with all federal, state, and local environmental laws and regulations.

Respondents' signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action.

Shell Oil Company and Shell Chemical LP
Agreed Order - Attachment A

b. Environmental Benefit

This SEP will provide TCEQ with near real-time access to high quality, short time resolution volatile organic compounds, nitrogen oxides, ozone, and meteorological data sets that can be used to evaluate and track air pollution emission events as they occur, conduct source attribution studies, and to assess potential ambient community exposure to a limited number of hazardous air pollutants. Data from the monitors can be used to provide critical information evaluating the effectiveness of current and proposed emission control strategies aimed at achieving compliance with the 8-hour ozone National Ambient Air Quality Standards. It also provides a key source of information essential to furthering overall understanding of those emission sources that contribute to ambient community exposure to toxic air contaminants. Because the information is available in near real-time, it can be used to provide agency staff and industry personnel with time critical information to investigate emission events in a timely fashion. Another key benefit is the ability to measure the change in the ambient air concentration of the individual target species and quantify control measure effectiveness. Data from these monitors will be publicly accessible through the TCEQ's website and will be used in evaluating air quality in the area, in ozone forecasts, and ozone warnings. Thus, the public will directly benefit by having access to the data and the forecasting and notification tools which can be used for public awareness.

c. Minimum Expenditure

Respondents shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, Respondents shall contribute the SEP Offset Amount to the Third-Party Administrator. Respondents shall make the contribution payable to **Houston Regional Monitoring Corporation** SEP and shall mail the contribution, with a copy of the Agreed Order to:

Houston Regional Monitoring Corporation
c/o Christopher B. Amandes
Morgan, Lewis, & Bockius, LLP
1000 Louisiana, Suite 4000
Houston, Texas 77002

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, Respondents shall provide the Enforcement Division SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount due to the Third-Party Administrator. Respondents shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If Respondents do not perform its obligations under this Attachment A in any way, including full expenditure of the SEP Offset Amount and submittal of the required reporting as described in Sections 2 and 3 above, the Executive Director ("ED") may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that Respondents failed to complete the project, Respondents shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and shall include on the check the docket number of this Agreed Order and note that it is for reimbursement of an SEP. Respondents shall make the check payable to "Texas Commission on Environmental Quality" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP made by or on behalf of Respondents, must include a clear statement that the Project was performed as part of the settlement of an enforcement action brought by the TCEQ. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

Respondents shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, Respondents may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for Respondents under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.